VERSION DESCRIPTION DOCUMENT FOR THE ACQUISITION MANAGEMENT SYSTEM (AMS)

Release 7.9.0

PrISMS Contract

August 2003

National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
ACQUISITION MANAGEMENT SYSTEM (AMS)
RELEASE 7.9.0**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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Approved by

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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APPENDICES

1.0 <u>INTRODUCTION</u>

This Version Description Document (VDD) describes the changes and installation procedures for Release 7.9.0 of the Acquisition Management System (AMS). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as AMS, Release 7.9.0 and has an effective release date of August 29, 2003.

This release must be implemented after Headquarters has received the September 2003 FACS submission and before any fiscal year 2004 processing can begin.

1.2 PURPOSE OF THE RELEASE

This release implements modifications necessitated by the following Change Control Requests (CCR's):

CCR 1199 – Browse by FSS/Indefinite Delivery/BOA Number (changed to Referenced Contract Number) option of PO Award and Contract Award Screens does not work correctly.
CCR 1310 – New FY04 document numbering requirements.
CCR 1311 – FY 2004 regulatory requirements changes.
CCR 1313 – Remove Langley specific code from programs.

1.3 SCOPE

This VDD provides the functional and technical user of AMS with information regarding the contents, status, and structure of Release 7.9.0, including the following:

- Changes implemented since Release 7.7.1.

- Validation procedures to ensure the reliability of release changes.

- References to other documentation affected by this release.

- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for AMS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the functional and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Identify yourself as SESAAS & AMS.)
Telephone: (256) 544-6673
Email: charmaine.styles-oscarson@msfc.nasa.gov
FAX: (256) 544-1836

2.0 <u>FUNCTIONAL INFORMATION</u>

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Software PREDICT and SYSERR changes related to this release. Appendix E contains sample JCL that will be needed for release installation.

2.2 FUNCTIONAL INTERFACES

This release has no functional impact on interfaces with any SESAAS (Sustaining Engineering Support for Agencywide Administrative Systems) application.

2.3 CRITICAL ISSUES

This release must be implemented after Headquarters has received the September 2003 FACS submission and before any fiscal year 2004 processing can begin.

The CENTER-KIND-OF-ACTION (CKOA) will be converted to either IDV-TYPE-CODE or KIND-OF-ACTION (KOA) on open contracts and purchase orders (blank Physical Completion Date) based on the following requirements:
- If the CKOA is 14, KOA will remain unchanged.
- If the CKOA is 50, KOA will remain unchanged and IDV Type will be converted to 'D'.
- If the CKOA is 52, KOA will remain unchanged and IDV Type will be converted to 'B'.
- If the CKOA is 53, KOA will remain unchanged. (Modification)
- If the CKOA is 54, KOA will remain unchanged. (Modification)
- If the CKOA is 60, KOA will remain unchanged and IDV Type will be converted to 'E'.
- If the CKOA is 61, KOA will be converted to 61.
- If the CKOA is 99, KOA will be converted to 99. (Modification)

When adhoc CCR1311L is executed, a report listing the converted records will be generated.

After adhoc CCR1310B is executed, the +CENTER value must be initialized on the Global Variables Table (Table 39). The valid values are as follows:
       A – Ames Research Center
       C – Glenn Research Center
       D – Dryden Flight Research Center

G – Goddard Space Flight Center
H – NASA Headquarters
J – Johnson Space Center
K – Kennedy Space Center
L – Langley Research Center
M – Marshall Space Flight Center
S – Stennis Space Center

The record length for the FACS history dataset and the FACS transmission dataset has been increased to 1046 bytes. Any Job Control Language (JCL) referencing these datasets will need to be changed to reflect this increase. This includes JCL for the FACS Contract Lead Time Report, FACS Trial Run Submission, and the FACS Monthly Submission. See Appendix E for sample JCL.

JCL modifications will be necessary for your center's PDWS extract job. A core utility, LPDWSJCL, was developed for AMS Release 7.7.0 to load the PDWS JCL from a dataset into the AMS JCL tables Table 97 and Table 98. The dataset can be modified and reloaded into the AMS JCL tables as needed. See Appendix D for the name of the dataset containing the PDWS JCL.

The record length changes for the PDWS JCL are as follows:

	LRECL BEFORE	LRECL AFTER
CONTRACTS		
put 'MSIRM.AMS0DT.CONTR.BASIC' conbas.txt	1239	1793
put 'MSIRM.AMS0DT.CONTR.COMP' concomp.txt	1239	1793
put 'MSIRM.AMS0DT.CONTR.MODS' conmod.txt	1239	1793
CONTRACT DELIVERY ORDERS		
put 'MSIRM.AMS0DT.DELORDER.DAT' delvryordr.txt	304	306
GRANTS		
put 'MSIRM.AMS0DT.GRANT.BASIC' grntbas.txt	961	1035
put 'MSIRM.AMS0DT.GRANT.COMP' grntcomp.txt	961	1035
put 'MSIRM.AMS0DT.GRANT.MODS' grntmod.txt	961	1035
PURCHASE ORDERS		
put 'MSIRM.AMS0DT.PURORDER.BASIC' pobas.txt	1082	1321
put 'MSIRM.AMS0DT.PURORDER.COMP' pocomp.txt	1082	1321
put 'MSIRM.AMS0DT.PURORDER.MODS' pomod.txt	1082	1321
PURCHASE ORDER DELIVERY ORDERS		
put 'MSIRM.AMS0DT.PURDLVRY.DAT' podlvry.txt	277	279

All adhocs must be run before executing any validation procedures. See Appendix D for installation instructions.

The adhoc programs included in this release **must** be run in a specific order. Refer to Appendix D, Section 6, Post-Predict Data Conversion, for the order in which to run the adhoc programs.

2.4 AFFECTED DOCUMENTS

No documents are affected by this release.

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3.0 TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

There are no technical systems interface issues with this release.

3.2 DATA DICTIONARY CHANGES

Dictionary changes are detailed in Appendix D, Section 4.0.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Paragraph 2.1, for an inventory of Natural object types.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for AMS Software Release 7.9.0 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Appendix D for assistance in preparing for proper installation and operational use of this release.

4.0 <u>KNOWN AND OPEN PROBLEMS</u>

There are no known or open problems related to this release.

APPENDIX A
ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

AMS	Acquisition Management System
CC	Consolidation Center
CCR	Change Control Request
FACS	Financial and Contractual Status
FPDS-NG	Federal Procurement Data System – New Generation
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NAICS	North American Industry Classification System
NAIS	NASA Acquisition Internet Service
NASA	National Aeronautics and Space Administration
PDWS	Procurement Data Warehouse System
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document

APPENDIX B
GLOSSARY

GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C
FUNCTIONAL CHANGE VALIDATION
PROCEDURES

FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release.

Section	CCR	Title
1.0	1199	Browse by FSS/Indefinite Delivery/BOA Number (changed to Referenced Contract Number) option of PO Award and Contract Award Screens does not work correctly
2.0	1310	New FY04 document numbering requirements
3.0	1311	FY 2004 regulatory requirements changes
4.0	1313	Remove Langley specific code from programs

Details for the validation procedures are listed below.

1.0 Number 1199
Browse by FSS/Indefinite Delivery/BOA Number (changed to Referenced Contract Number) option of PO Award and Contract Award Screens does not work correctly.

Description of Change
When listing Purchase Orders and Contracts that have a Referenced Contract Number, all appropriate records were not being listed. This was not apparent to the user.

Also, the "New Start" feature was inconsistent. A record that was displayed when a value was entered in this field might or might not be displayed when the same "New Start" value was entered again.

Functional Impact
All records that have a Referenced Contract Number will now be listed. When the "New Start" feature is used, the appropriate records will be listed.

Validation Procedures
1. Verify the version number on the Banner Screen has been changed to 7.9.0.
2. Verify that the Browse by Referenced Contract Number option of PO Award and Contract Award Screens works correctly.

MODULE ID	MODULE NAME	TYPE
NAXBOAPA	Browse Referenced Contract Number	Program

2.0 Number 1310
New FY04 document numbering requirements.

Description of Change
The Federal Acquisition Regulations have been changed to require that effective October 1, 2003, each agency have unique document numbers on contracts, BPA calls, and other procurement instruments. Document numbers must be unique within the agency and between agencies. The General Services Administration established a register of agency numbering schemes to ensure there is no conflict.

The new NASA numbering scheme is as follows:
- 2 alpha characters for Agency – NN
- 1 alpha character for Center – Same letter as used in IFMP (first letter of Center Name, except for GRC which uses 'C')
- 2 numeric characters for FY
- 4 digits for action number; 2 alphas, 2 numbers (AA00 through ZZ99)
- 1 alpha character for type of action – The codes for Type of Action are listed in the Validation Procedures

Centers will need to use the new numbers on all new actions with an award date on or after October 1, 2003.

Functional Impact
When adding a new document, the user will only have to enter the 4-digit action number and the character for type of action on the menu screen. When the add screen is displayed, the agency, center, and fiscal year will be filled automatically. The center and fiscal year can be changed on this screen if the user deems it necessary. The center can be changed to any valid center. The fiscal year can only be changed to the previous fiscal year.

The old type of document numbers can still be updated or queried, but no new documents can be added with the old type of document numbers.

There is a new global variable, +CENTER, on Table 39 that can be modified at each site. This global will be used to pre-fill the Center portion of the new document number. After adhoc CCR1310B is executed, the +CENTER value must be initialized on the Global Variables Table (Table 39). The valid values are as follows:

A – Ames Research Center
C – Glenn Research Center
D – Dryden Flight Research Center
G – Goddard Space Flight Center
H – NASA Headquarters
J – Johnson Space Center
K – Kennedy Space Center
L – Langley Research Center
M – Marshall Space Flight Center
S – Stennis Space Center

Table 78 (Type of Action Codes) was created.

Validation Procedures
TABLES
1. Verify that the new global +CENTER is on Table 39 (Global Variable Initial Values). Ensure that the Initial Value is the alpha character that represents your center (the same letter used in IFMP).

2. Verify that the entry for Table 78 has been added to Table AA (Master List of Tables). Verify that the four lines of data on Table AA for Key = 'QGA78T' is as follows:
    (78) TYPE OF ACTION CODES
    KEY = TYPE-OF-ACTION-CODE (A1)
    RESULT = DOCUMENT TYPE(A1) FILLER(A1) DESCRIP(A48)
    P=PURCHASE ORDER, C=CONTRACT, G=GRANT

3. Verify that Table 78 has 12 entries. They should be as follows:

KEY	RESULT
================	==
A	G COOPERATIVE AGREEMENT
B	C BOA, GWAC, FSS, OR OTHER INDEFINITE DELIVERY TYPE CONTRACT
C	C CONTRACT (EXCEPT IDC)
D	P DELIVERY ORDER AGAINST A BOA, FSS, OR OTHER IDC, OR CALL AGAINST A BPA
F	C FACILITIES CONTRACT
G	G GRANT (OTHER THAN TRAINING)
H	G TRAINING GRANT
I	P INTRAGOVERNMENTAL TRANSACTION
P	P PURCHASE ORDER (NOT ISSUED AGAINST AN EXISTING CONTRACT OR AGREEMENT)
S	G SPACE ACT AGREEMENT
T	P TASK ORDER AGAINST A SERVICE CONTRACT
Z	C BPA

PURCHASE ORDERS
1. Verify that a new purchase order cannot be added using an old purchase order prefix.
2. On the Purchase Order Award Menu screen, enter a '1' in the OPTION field and an invalid Action Number (number in the first two characters or alpha in the last two characters) and a valid Type of Action in the PO NUM field. Verify that the following error message is displayed: "INVALID ACTION NUMBER. PLEASE CORRECT."
3. On the Purchase Order Award Menu screen, enter a '1' in the OPTION field and a valid Action Number and an invalid Type of Action (one that is not on Table 78 or one that does not pertain to purchase orders) in the PO NUM field. Verify that the following error message is displayed: "INVALID TYPE OF ACTION. PLEASE CORRECT."
4. Verify that the Purchase Order Add screen is displayed when a '1' is entered in the OPTION field and a valid Action Number and Type of Action are entered in the PO NUM field on the Purchase Order Award Menu screen.
5. Verify that the letter representing your center that is displayed in the PO NUM field on the Purchase Order Add screen is correct.
6. Change the center to a 'Z'. Verify that the following error message is displayed: "INVALID CENTER. PLEASE CORRECT."
7. Change the center back to its original value.

8. Verify that the correct fiscal year is displayed in the PO NUM field on the Purchase Order Add screen.
9. Change the fiscal year to a future year. Enter all required data on the Purchase Order Add screen. Attempt to add the purchase order. Verify that the following error message is displayed: "ONLY CURRENT FISCAL YEAR OR PREVIOUS FISCAL YEAR ALLOWED. PLEASE CORRECT."
10. Change the fiscal year back to the current year and press <ENTER>. The purchase order should be added.
11. Verify that both new and old purchase orders can be viewed/updated via all purchase order related screens (with the exception of the Purchase Order Add screen). Include purchase order delivery orders and purchase order delivery order mods in your verification.

CONTRACTS
1. Verify that a new contract cannot be added using an old contract prefix.
2. On the Contract Award Menu screen, enter a '1' in the OPTION field and an invalid Action Number (number in the first two characters or alpha in the last two characters) and a valid Type of Action in the CONTRACT NUM field. Verify that the following error message is displayed: "INVALID ACTION NUMBER. PLEASE CORRECT."
3. On the Contract Award Menu screen, enter a '1' in the OPTION field and a valid Action Number and an invalid Type of Action (one that is not on Table 78 or one that does not pertain to contracts) in the CONTRACT NUM field. Verify that the following error message is displayed: "INVALID TYPE OF ACTION. PLEASE CORRECT."
4. Verify that the Contract Award Add screen is displayed when a '1' is entered in the OPTION field and a valid Action Number and Type of Action are entered in the CONTRACT NUM field on the Contract Award Menu screen.
5. Verify that the letter representing your center that is displayed in the PO NUM field on the Purchase Order Add screen is correct.
6. Change the center to a 'Z'. Verify that the following error message is displayed: "INVALID CENTER. PLEASE CORRECT."
7. Change the center back to its original value.
8. Verify that the correct fiscal year is displayed in the CONTRACT NUM field on the Contract Award Add screen.
9. Change the fiscal year to a future year. Enter all required data on the Contract Award Add screen. Attempt to add the contract. Verify that the following error message is displayed: "ONLY CURRENT FISCAL YEAR OR PREVIOUS FISCAL YEAR ALLOWED. PLEASE CORRECT."
10. Change the fiscal year back to the current year and press <ENTER>. The contract should be added.
11. Verify that both new and old contracts can be viewed/updated via all contract related screens (with the exception of the Contract Award Add screen). Include contract delivery orders and contract delivery order mods in your verification.

GRANTS
1. Verify that a new grant cannot be added using an old grant prefix.
2. On the Grant Award Menu screen, enter a '1' in the OPTION field and an invalid Action Number (number in the first two characters or alpha in the last two characters) and a valid Type of Action in the GRANT NUM field. Verify that the following error message is displayed: "INVALID ACTION NUMBER. PLEASE CORRECT."

3. On the Grant Award Menu screen, enter a '1' in the OPTION field and a valid Action Number and an invalid Type of Action (one that is not on Table 78 or one that does not pertain to grants) in the GRANT NUM field. Verify that the following error message is displayed: "INVALID TYPE OF ACTION. PLEASE CORRECT."
4. Verify that the Grant Award Add screen is displayed when a '1' is entered in the OPTION field and a valid Action Number and Type of Action are entered in the GRANT NUM field on the Grant Award Menu screen.
5. Verify that the letter representing your center that is displayed in the PO NUM field on the Purchase Order Add screen is correct.
6. Change the center to a 'Z'. Verify that the following error message is displayed: "INVALID CENTER. PLEASE CORRECT."
7. Change the center back to its original value.
8. Verify that the correct fiscal year is displayed in the GRANT NUM field on the Grant Award Add screen.
9. Change the fiscal year to a future year. Enter all required data on the Grant Award Add screen. Attempt to add the grant. Verify that the following error message is displayed: "ONLY CURRENT FISCAL YEAR OR PREVIOUS FISCAL YEAR ALLOWED. PLEASE CORRECT."
10. Change the fiscal year back to the current year and press <ENTER>. The grant should be added.
11. Verify that both new and old grants can be viewed/updated via all grant related screens (with the exception of the Grant Award Add screen).

PURCHASE REQUESTS
1. Using Option 1 (Add a Purchase Request) on the PR Processing Menu, verify that a Purchase Request can be added when an old format document number is entered in the DOCUMENT NUM field.
2. Verify that a Purchase Request can be added when a new format document number is entered in the DOCUMENT NUM field.
3. Using Option 13 (Display Documents Related to a PR) on the PR Processing Menu, verify that document numbers in both the old format and the new format are displayed correctly.

QUICK STATUS
1. Verify that document numbers in both the old format and the new format can be queried using Option 2 (Query Document Award) of the Quick Status Menu.
2. Verify that modifications of documents with numbers in both the old format and the new format can be queried using Option 3 (Query Document Modification) of the Quick Status Menu.

SYSTEM ADMINISTRATION
1. Verify that the Change System Generated Dates and Flags option (Option 1 on the System Administration Menu) functions properly.
2. Verify that document numbers, mod numbers, delivery order numbers and delivery order mod numbers can be changed via the Update Document Numbers option (Option 2) on the System Administration Menu.

MODULE ID	MODULE NAME	TYPE
CCR1310A	Adhoc	Program
CCR1310B	Adhoc	Program
COMMON	Global Data Area	Global
NADO00PA	Delivery Order Menu	Program
NADO04PA	Browse Delivery Order Menu	Program
NADO04PB	Browse Delivery Orders	Program
NAQSC1PA	Quick Status – Document Query	Program
NAQSM2PA	Quick Status – Document Mod Query	Program
NAXPR1NA	Link PR's To Documents	Subprogram
QCA00	Contract Award Menu	Program
QCA11	Contract File Browse By Contract Number	Program
QCA20	Contract Award Add – Page 1	Program
QCB00	Contract Administration Menu	Program
QCB70	Contract Administration Report Menu	Program
QCC00	Contract Closeout Processing Menu	Program
QCC10	Contract Closeout Browse	Program
QCR00	Contract Reports Menu	Program
QEMCA20	Map 1 for QCA20	Map
QEMNA20	Map 1 for QNA20	Map
QEMSA15	Map 1 for QSA15	Map
QENPA01A	PR Edits	Subprogram
QGM00	Session Initialization	Program
QGU01	Update System Generated Flags and Dates	Program
QGU02	Change The Document Or Mod Number for a Contract, PO, or Grant	Program
QNA00	Grant Award Menu	Program
QNA11	Grant File Browse By Grant Number	Program
QNA20	Grant Award Add	Program
QNB00	Grant Administration Menu	Program
QNC00	Grant Closeout Processing Menu	Program
QPA01A	Add a PR Record	Program
QPA01B	Add a PR Record (From a File)	Program
QPX01	PR to Document Cross Reference	Program
QSA00	PO Award Menu	Program
QSA15	PO Add (Short Form)	Program
QSA15L	Local Data Area For QSA15	Local
QSA61	PO File Browse By PO Number	Program
QSB00	PO Administration Menu	Program
QSDO00PA	PO Delivery Order Menu	Program
QSDO01PA	Add/Update PO Delivery Orders	Program
QSDO02PA	Add/Update PO Delivery Order Mods	Program
QSDO04PA	Browse PO Delivery Order Menu	Program
QSDO04PB	Browse PO Delivery Orders	Program

3.0 Number 1311
FY 2004 regulatory requirements changes.

3.1 Regulatory Requirements

Description of Change

The new FPDS-NG system planned for FY 04 requires several changes to NASA's internal systems. These changes include the collection and reporting of new fields for Purchase Orders/Delivery Orders/Blanket Purchase Agreements & Blanket Order Agreement calls, Purchase Orders less than $25,000, Contracts, and Grants. The new fields are as follows:

1. Ultimate Completion Date
2. Indefinite Delivery Vehicle (IDV) Last Date to Order
3. Web Site URL
4. Who Can Use
5. Maximum Order Limit
6. Fee for Use of Service
7. Fixed Fee Value
8. Fixed Range Lower Value
9. Fixed Range Upper Value
10. Multiyear Contract
11. Solicitation Issue Date
12. Solicitation Id
13. Contract Financing
14. Major Program
15. Type of Indefinite Delivery Contract (IDC)
16. Multiple or Single Award IDC
17. Purchase Card as Payment Method
18. DOD Claimant Program
19. Referenced Contract Number (replaced FSS/INDEF-DELIVERY/BOA-NUM)
20. Synopsis Waiver Exception
21. A-76 (Fair Act) Action
22. Program Acronym

The CENTER-KIND-OF-ACTION (CKOA) will be converted to either IDV-TYPE-CODE or KIND-OF-ACTION (KOA) on open contracts and purchase orders (blank Physical Completion Date) based on the following requirements:

- If the CKOA is 14, KOA will remain unchanged.
- If the CKOA is 50, KOA will remain unchanged and IDV Type will be converted to 'D'.
- If the CKOA is 52, KOA will remain unchanged and IDV Type will be converted to 'B'.
- If the CKOA is 53, KOA will remain unchanged. (Modification)

- If the CKOA is 54, KOA will remain unchanged. (Modification)
- If the CKOA is 60, KOA will remain unchanged and IDV Type will be converted to 'E'.
- If the CKOA is 61, KOA will be converted to 61.
- If the CKOA is 99, KOA will be converted to 99. (Modification)

When adhoc CCR1311L is executed, a report listing the converted records will be generated.

Due to the fields being added to the files, the PDWS JCL was modified. The 'before' and 'after' record lengths of the dataset are shown below.

	LRECL BEFORE	LRECL AFTER
CONTRACTS		
put 'MSIRM.AMS0DT.CONTR.BASIC' conbas.txt	1239	1793
put 'MSIRM.AMS0DT.CONTR.COMP' concomp.txt	1239	1793
put 'MSIRM.AMS0DT.CONTR.MODS' conmod.txt	1239	1793
CONTRACT DELIVERY ORDERS		
put 'MSIRM.AMS0DT.DELORDER.DAT' delvryordr.txt	304	306
GRANTS		
put 'MSIRM.AMS0DT.GRANT.BASIC' grntbas.txt	961	1035
put 'MSIRM.AMS0DT.GRANT.COMP' grntcomp.txt	961	1035
put 'MSIRM.AMS0DT.GRANT.MODS' grntmod.txt	961	1035
PURCHASE ORDERS		
put 'MSIRM.AMS0DT.PURORDER.BASIC' pobas.txt	1082	1321
put 'MSIRM.AMS0DT.PURORDER.COMP' pocomp.txt	1082	1321
put 'MSIRM.AMS0DT.PURORDER.MODS' pomod.txt	1082	1321
PURCHASE ORDER DELIVERY ORDERS		
put 'MSIRM.AMS0DT.PURDLVRY.DAT' podlvry.txt	277	279

Functional Impact
All add and update functions for awards and modifications were changed to collect, modify, and validate the new data to reported in FACS. PDWS was changed to extract the new fields.

There were numerous table changes for this release to include the addition of new tables, changes to existing tables, and table conversions. The table changes are as follows:

- Table AA (Master List of Tables) was modified to include the new tables created for this release.
- Table 28 (Center Kind of Action) was replaced with Performance Based Contracting because Center Kind of Action is no longer used.
- Table 49 (Contract Field Names and Numbers for PPC Edits) was modified to add the new fields. The 507 field numbers were converted to the new 507 numbers.
- Table 50 (507 Fatal Error Edits) was converted to change the old 507 numbers to the new 507 numbers and apply changes to existing edits wherein the values needed to be revised.
- Table 17 (Kind of Action) was changed to add new values.
- Table 79 (Type of IDV Codes) was created
- Table 80 (Contract Financing Codes) was created
- Table 81 (Other Statutory Authority Codes) was created.
- Table 82 (Fee for Use of Service Codes) was created.
- Table 83 (Multiple/Single Award IDC Codes) was created.

Validation Procedures
TABLES
1. Verify that the following entries have been added to Table AA (Master List of Tables):
   a. QGA28T
      (28) PERFORMANCE BASED CONTRACTING CODES
      KEY = PERFORMANCE-BASED-CONTRACTING (A1)
   b. QGA79T
      (79) TYPE OF IDV CODES
      KEY = IDV-TYPE-CODE(A1)
   c. QGA80T
      (80) CONTRACTING FINANCING CODES
      KEY = CONTRACT-FINANCING-CODE(A1)
   d. QGA81T
      (81) OTHER STATUTORY AUTHORITY CODES
      KEY = OTHER-STATUTORY-AUTHORITY-CODE(A1)
   e. QGA82T
      (82) FEE FOR USE OF SERVICE CODES
      KEY = USE-OF-SERV-FEE-CODE(A3)
   f. QGA83T
      (83) MULTIPLE/SINGLE AWARD IDC CODES
      KEY = AWRD-IDC-CODE (A1)

2. Verify that Table 17 (Kind of Action Codes) has 29 entries. They should be as follows:

KEY	RESULT
================	==
01	NEW LETTER CONTRACT
03	NEW BASIC CONTRACT (NOT IDC)
05	INTRAGOVERNMENTAL
06	GRANT
07	NEW WORK MODIFICATION
08	SUPPLEMENTAL AGREEMENT
09	CHANGE ORDER
10	SUPPLEMENTAL AGREEMENT DEFINITIZING CHANGE ORDER
11	ADMINISTRATIVE/INCREMENTAL FUNDING
12	TERMINATION FOR DEFAULT
13	TERMINATION FOR CONVENIENCE
14	DEFINITIZING LETTER CONTRACT
15	EXERCISING PRICED OPTION
16	ORDER UNDER REPORTING CENTER'S INDEFINITE DELIVERY CONTRACT (IDC)
17	ORDER UNDER REPORTING CENTER'S BASIC ORDERING AGREEMENT (BOA)
18	NEW INDEFINITE DELIVERY CONTRACT (IDC) – REQUIREMENTS
19	NEW INDEFINITE DELIVERY INDEFINITE QUANTITY CONTRACT (IDIQ)
20	NEW INDEFINITE DELIVERY DEFINITE QUANTITY CONTRACT (IDDQ)
21	COOPERATIVE AGREEMENT OR SPACE ACT AGREEMENT
23	ORDER UNDER MANDATORY FSS
24	ORDER UNDER OPTIONAL (NON-MANDATORY) FSS
25	ORDER UNDER INDEFINITE-DELIVERY CONTRACT (SINGLE AWARD)
26	ORDER UNDER BASIC ORDERING AGREEMENT (BOA)
27	SIMPLIFIED ACQUISITION PROCEDURES
28	ORDER UNDER MULTIPLE AWARD CONTRACT
53	BASIC ORDERING AGREEMENT MOD
54	TASK ORDER MOD
61	CALL AGAINST BPA
99	CLOSING MOD

3. Verify that Table 18 (Contractor Type Codes) has 14 entries. They should be as follows:

KEY	RESULT
================	==
01	8(A) DISADVANTAGED
03	DISADVANTAGED DIRECT
04	NOT DISADVANTAGED
05	EDUCATIONAL (NON-MINORITY)
06	HOSPITAL
08	OTHER NONPROFIT
09	EDUCATIONAL (NON-MINORITY-STATE)
10	HOSPITAL (STATE)
12	OTHER STATE/LOCAL GOV'T
15	EDUCATIONAL (HBCU)
18	OTHER NONPROFIT (MINORITY)
19	EDUCATIONAL (HBCU-STATE)
25	EDUCATIONAL (OTHER MINORITY)
29	EDUCATIONAL (OTHER MINORITY-STATE)

4. Verify that Table 19 (Contract Type Codes) has 16 entries. They should be as follows:

KEY	RESULT
================	===
01	FIXED-PRICE, FIRM
02	FIXED-PRICE, REDETERMINATION
03	FIXED-PRICE WITH ECONOMIC PRICE ADJUSTMENT
04	FIXED-PRICE INCENTIVE
05	COST NO FEE
06	COST SHARING
07	COST PLUS FIXED FEE
08	COST PLUS INCENTIVE FEE
09	TIME AND MATERIALS
10	LABOR HOUR
12	COST PLUS AWARD FEE
13	FIXED PRICE LEVEL OF EFFORT
14	FIXED PRICE AWARD FEE
15	ORDER DEPENDENT
16	COMBINATION
17	OTHER

5. Verify that Table 20 (Labor Statutes Codes) has 5 entries. They should be as follows:

KEY	RESULT
================	===
N	NOT SUBJECT TO STATUTORY REQUIREMENTS
1	WALSH-HEALY ACT
2	RESERVED
3	SERVICE CONTRACT ACT
4	DAVIS-BACON ACT

6. Verify that Table 21 (Extent of Competition Codes) has 5 entries. They should be as follows:

KEY	RESULT
================	===
2	SEALED BID
3	COMPLETED ACTION-SEB
4	OTHER COMPLETED ACTION
5	NONCOMPETITIVE FOLLOW-ON TO COMPETED ACTION
6	OTHER NOT COMPLETED

7. Verify that Table 28 (Performance Based Contracting Codes) has 12 entries. They should be as follows:

KEY	RESULT
================	===
A	100
B	90-99
C	80-89
D	70-79
E	60-69
F	50-59
G	40-49
H	30-39
J	20-29
K	10-19

```
L                   1 - 9
N                   0/NOT PBC
```

8. Verify that Table 29 (Other Preference Program Codes) has 6 entries. They should be as follows:

```
        KEY                             RESULT
================    ========================================================
A                   DIRECTED TO JWOD NONPROFIT AGENCY
B                   SMALL BUSINESS SET-ASIDE
C                   RESERVED
D                   NO PREFERENCE PROGRAM
E                   VERY SMALL BUSINESS SET-ASIDE
F                   RESERVED
```

9. Verify that Table 46 (Solicitation Procedures Codes) has 9 entries. They should be as follows:

```
        KEY                             RESULT
================    ========================================================
A                   FULL AND OPEN COMPETITION - SEALED BID
B                   FULL AND OPEN COMPETITION - COMPETITIVE PROPOSAL
C                   FULL AND OPEN COMPETITION - COMBINATION
D                   ARCHITECT - ENGINEER
E                   NASA RESEARCH ANNCMNT/ANNCMNT OF OPPORTUNITY
F                   MULTIPLE AWARD SCHEDULE
G                   ALTERNATE SOURCES
K                   SET-ASIDES (INCLUDES COMPETITIVE 8(A) AWARDS)
L                   OTHER THAN FULL & OPEN COMPETITION (INCLUDES
                    NONCOMPETITIVE 8(A) AWARDS)
```

10. Verify that Table 49 (Contract Field Names and Numbers for PPC Edit) has 123 entries. They should be as follows:

```
        KEY                             RESULT
================    ========================================================
01                  CONTRACT-NUM                     01
02                  CNTRCT-PRPSL-NMBR                01
03                  PR-NUM                           01
04                  CLOSEOUT-PR                      01
05                  CONTRACTOR-VID                   01
06                  CIC-NUM                          01
07                  PLACE-PERF-VID                   01
08                  PIN                              01
09                  CONTRACTOR-NAME                  01
10                  CONTRACTOR-DIVISION              01
100                 IDV-LAST-DATE-TO-ORDER           03
101                 OTHER-STATUTORY-AUTHORITY-CODE 03        S
102                 WEB-SITE-URL                     03
103                 WHO-CAN-USE                      03
104                 MAX-ORDER-LIMIT                  03
105                 USE-OF-SERV-FEE-CODE             03
106                 FIXED-FEE-VALUE                  03
107                 FEE-RANGE-LOWER-VALUE            03
108                 FEE-RANGE-UPPER-VALUE            03
109                 CENTER UNIQUE                    03
110                 TOT-CONT-VAL-INCL-OPTIONS        03
111                 PRICE/EST-COST                   03
```

112	FEE	03	
113	OBLIG	03	
114	FUNDED-THRU-DATE	03	
115	MACFO-CODE	03	CG
116	MOD-PREFIX	01	
117	MOD-NUM	01	
119	CANCELLATION-DATE	02	
12	CONTRACTOR-ADDRES	01	
16	PLACE-OF-PERFORMANCE	01	
17	ZIP CODE	01	
18	AWARD-DATE	01	
19	AWRD-IDC-CODE	01	
20	PPC	01	
21	KIND-OF-ACTION	01	
22	IDV-TYPE-CODE	01	
23	CONTRACTOR-TYPE	01	
24	WOMAN-OWNED-BUSINESS	01	
25	AWARD-OUTSIDE-US	01	S
26	EXT-COMPETITION	01	
27	TYPE-SERV/PROD	01	S
28	SOLICITATION-ISSUE-DATE	01	
29	SOLICITATION-ID	01	
30	BUNDLING-IND	01	S
31	REFERENCED-CONTRACT-NMBR	01	
32	DESCRIPTION	01	
33	CICA-APPLICABILITY	01	S
35	CONTRACT-TYPE	01	S
36	PROCUR-SYNOP	01	S
37	SYNOP-WAIVER-EXCEPTION-IND	01	
38	PERCENT-PERFORMANCE-BASED	01	S
40	NUM-OFFERS-RECV	01	S
41	SOLICITATION-PROCEDURES	01	S
42	AUTHORITY-OTHER-THAN-OPEN	01	S
43	LABOR-STATUTES	02	S
44	CONTRACT-FINANCING-CODE	02	
45	NAICS-CODE	02	S
46	DELEG-ADMINISTRATION	02	
46A	BLANKET-DELEGATION	02	
46B	DELEG-POST-AWD-AUDIT	02	
46C	DELEG-SECURITY	02	
46D	DELEG-COST-ACCT-STANDARDS	02	
46E	DELEG-PROP-ADMIN	02	
46F	DELEG-TRANSPORTATION	02	
46G	DELEG-QUALITY-ASSURANCE	02	
46H	DELEG-CONSENT-TO-SUBCONTRACT	02	
46I	DELEG-CLOSEOUT	02	
46J	DELEG-ENGINERRING/PROD-SURV	02	
46K	DELEG-OTHER	02	
47	MULTIYEAR-CONTRACT-IND	02	
48	ADV/ASST-CONTRACT	02	S
49	SUPPORT-SERVICE-CONTRACT	02	S
50	COST-ACCT-STAND-CLAUSE	02	S
51	NEW-TECHNOLOGY/PATENT-RIGHTS	02	S
52	SUBCONTRACT-PROG-PLAN	02	S
53	SBIR-AWARD	02	S
54	STTR-AWARD	02	S

55	CONT-FOREIGN-GOVT/INTL-ORG	02		S
56	COST-PERF-REPT/NF533	02		S
57	PROPERTY-FINANCIAL-REPORTING	02		
58	COMMERCIAL-ITEM-ACQUISITION	02		S
59	COUNTRY-OF-MANUFACTURER	02		S
60	DEMONST-TEST-PROGRAM	02		S
61	EMERGING-SM-BUS	02		
62	EMERGING-SM-BUS-RES-AWD	02		
63	SIZE-OF-SM-BUS	02		S
64	VALUE-ENGINEERING-CLAUSE	02		
65	ETHNIC-GROUP	02		S
66	EFFECTIVE-DATE	02		
67	SECURITY-CODE	02		
68	EQUIP-CODE	02		
69	ADMINISTRATOR-CODE	02		
70	CONTRACTING-OFFICER-CODE	02		
71	NEGOTIATOR-CODE	02		
72	COTR-NAME	02		
73	ORGANIZATION-CODE	02		
74	CONTRACT-FUND-CODE	02		
75	REASON-NOT-SMALL-BUSINESS	02		
76	A-76-FAIR-ACT-IND	02		
77	PURCHASE-CARD-AS-PYMT-IND	02		
78	CNTRCT-BEST-VALUE-IND	02		
79	CNTRCT-MID-RNG-IND	02		
80	COMPL-DATE	02		
81	ULTIMATE-COMPL-DATE	02		
82	PHYSICALLY COMPLETE	01		
83	OTHER-PREFERENCE-PROGRAM	03		
84	HBZ-SML-BUS-CNCRN-IND	03		
85	HBZ-PGM-CODE	03		
86	VOSB-CNCRN-CODE	03		
87	SDB-PGM-CODE	03		
88	HBZ-PRICE-EVAL-PREF-DIFF-PCT	03		
89	SDB-PRICE-EVAL-ADJ-DIFF-PCT	03		
90	EPA-PRDCT-CODE	03		
91	RCVRD-MTRL-CLAUSES-CODE	03		
92	MAJOR-PROGRAM	03		
93	PGM-ACRONYM	03		
94	FA-CMRCL-ITEM-CTGRY-CODE	03	G	S
95	FA-CODE	03	G	S
96	FA-DODAAC-CODE	03	G	S
97	FA-PURCHASE-REASON-CODE	03	G	S
98	FA-CLINGER-COHEN-ACT-IND	03	G	S
99	DOD-CLAIMANT-PROGRAM-CODE	03		

11. Verify that Table 57 (Procurement Installation Numbers) has 12 entries. They should be as follows:

KEY	RESULT
================	==
04	NASA HEADQUARTERS
21	AMES RESEARCH CENTER
22	GLENN RESEARCH CENTER
23	LANGLEY RESEARCH CENTER
24	DRYDEN FLIGHT RESEARCH CENTER

```
51                    GODDARD SPACE FLIGHT CENTER
53                    WALLOPS FLIGHT FACILITY
54                    NASA MANAGEMENT OFFICE-JPL
62                    MARSHALL SPACE FLIGHT CENTER
64                    STENNIS SPACE CENTER
72                    JOHNSON SPACE CENTER
76                    KENNEDY SPACE CENTER
```

12. Verify that Table 74 (Bundling Codes) has 4 entries. They should be as follows:

KEY	RESULT
================	===
A	MISSION CRITICAL
B	OMB CIRCULAR A76
C	OTHER
N	NOT A BUNDLED CONTRACT

13. Verify that Table 79 (Type of IDV Codes) has 6 entries. They should be as follows:

KEY	RESULT
================	===
A	GOVERNMENT-WIDE AGENCY CONTRACT (GWAC APPROVED BY OMB
B	INITIAL INDEFINITE DELIVERY CONTRACT (IDC)
C	RESERVED
D	BASIC ORDERING AGREEMENT (BOA)
E	BLANKET PURCHASE AGREEMENT (BPA)
F	MULTI-AGENCY CONTRACT

14. Verify that Table 80 (Contract Financing Codes) has 6 entries. They should be as follows:

KEY	RESULT
================	===
A	FAR 52.232-16 PROGRESS PAYMENTS
C	PERCENTAGE OF COMPLETION PROGRESS PAYMENTS
D	UNUSUAL PROGRESS PAYMENTS OR ADVANCE PAYMENTS
E	COMMERCIAL FINANCING
F	PERFORMANCE-BASED FINANCING
Z	NOT APPLICABLE

15. Verify that Table 81 (Other Statutory Authority Codes) has 3 entries. They should be as follows:

KEY	RESULT
================	===
A	SPACE ACT
B	IG ACT
C	AUTHORITY OTHER THAN THE ECONOMY ACT APPLIES

16. Verify that Table 82 (Fee for Use of Service Codes) has 3 entries. They should be as follows:

KEY	RESULT
================	===
FIX	FIXED
RVA	RANGE – VARIES BY AMOUNT
RVO	RANGE – VARIES BY OTHER FACTOR

17. Verify that Table 83 (Multiple/Single Award IDC Codes) has 2 entries. They should be as follows:

KEY	RESULT
================	===
M	MULTIPLE AWARD
S	SINGLE AWARD

ENTIRE SYSTEM
1. Due to the unprecedented number of new fields added and the extensive changes made for this release it is highly recommended that the system be thoroughly tested.

PDWS
1. To validate the changes made to PDWS, run the PDWS extract. A full load of AMS data must be submitted. Technical personnel will need to verify that the AMS data was loaded successfully into their center's PDWS database. Testing will need to be coordinated with the NAIS (NASA Acquisition Internet Service) team at Marshall Space Flight Center.

3.2 FACS Related Changes

Description of Change
The FACS dataset that is sent to Headquarters on a monthly basis will be restructured to add the new regulatory fields.

** IMPORTANT **
These changes will affect the overall record length increasing it from 413 to 1046 in any Job Control Language referencing the FACS History file and the FACS transmission file. The following is an example of the new DCB statement:
// DCB=(RECFM=FB,LRECL=1046,BLKSIZE=23012)

Functional Impact
The record length of the FACS history dataset and the FACS transmission dataset was increased from 413 bytes to 1046 bytes to allow the new fields to be included in the FACS submission to Headquarters. The new FACS layout is included below the validation procedures for the FACS process.

Validation Procedures

FROM	CHOOSE OPTION
Main Menu	**7**
General Reports Menu	**3**
FACS Tape Recovery	

Execute the FACS Recovery option in the **BATCH** environment to reset all flagged records from the last FACS run. The default dates on the screen may be used. Make a note of the Rec Reported Date as this will be used in subsequent steps. Verify the program executed successfully. To perform this task, select the core menu options or run using your site unique JCL.

FROM	CHOOSE OPTION
Main Menu	**7**
General Reports Menu	**4**
FACS Contract Lead Time Submission	

Execute the FACS Lead Time option. Enter the Rec Reported Date used in the previous step. The default correction cutoff date may be used or use the correction cutoff date from the last FACS run. Verify the program executed successfully. Compare the report to the report from the last FACS run. The results should be the same with the exception that the new fields should now be reported. To perform this task, select the core menu options or run using your site unique JCL.

FROM	**CHOOSE OPTION**
Main Menu	**7**
General Reports Menu	**2**
FACS Dataset Submission	

Execute the Monthly FACS Submission option for a FACS Trial Run. Enter the Rec Reported Date used in the previous step. The default correction cutoff date may be used or use the correction cutoff date from the last FACS run. **Ensure the Trial Run option is chosen.** Verify all programs executed successfully. Compare the reports to the reports from the last FACS run. (The last report can be from actual FACS run.) The results should be the same with the exception that the new fields should now be reported. To perform this task, select the core menu options or run using your site unique JCL.

FROM	**CHOOSE OPTION**
Main Menu	**7**
General Reports Menu	**2**
FACS Dataset Submission	

Execute the Monthly FACS Submission option for an actual FACS run. (The dataset will not be sent to HQ unless you send it.) Enter the Rec Reported Date used in the previous step. The default correction cutoff date may be used or use the correction cutoff date from the last FACS run. **Ensure the Produce FACS Dataset option is chosen.** Verify all programs executed successfully. Compare the reports to the reports from the last FACS run. The results should be the same with the exception that the new fields should now be reported. To perform this task, select the core menu options or run using your site unique JCL.

The following table was prepared to assist you in testing the FACS history dataset conversion (CCR1311J), the FACS Contract Lead Time Report, the FACS Trial Run Submission, and the FACS Monthly Submission. It details the new FACS file layout.

507 Number	507 Field Name	AMS Database Field Name	Data Type & Length	Work file Position
	Record-Type	Not from file - initialized to C1	A2	1 to 2
1	Contract-Num	CONTRACT-NUM	A11	3 to 13
116	Modification Prefix	MOD-PREFIX	A1	14
117	Modification Number	MOD-NUM	A4	15 to18
	AIN	CNTRCT-ACNT-INSTLTN-NMBR	A2	19 to 20
	Description	Not from file - initialized to A & not chgd	A1	21
	New or Correction Record	Not from file - assigned to N or C	A1	22
8	Procuring Installation Number	PIN	A2	23 to 24
6	CIC Number	CIC-NUM from AMS-CIC-FILE	A7	25 to 31
9	Contractor Name	CONTRACTOR-NAME from AMS-CIC-FILE	A30	32 to 61
10	Contractor Division	CONTRACTOR-DIVISION-NAME from AMS-CIC-FILE	A20	62 to 81
16	Place of Performance City/State	POP-CITY-NAME (A24), POP-STATE-CODE (A2) from AMS-CIC-FILE	A26	82 to 107
17	POP Zip Code	POP-ZIP-CODE from AMS-CIC-FILE	A9	108 to 116
18	Contract Award Date	AWARD-DATE	N8	117 to 124
80	Current Completion Date	COMPL-DATE	N8	125 to 132
82	Physical Completion Date	PHYS-COMPL-DATE	N8	133 to 140
20	Procurement Placement Code	PPC	A2	141 to 142
21	Kind of Action	KIND-OF-ACTION	A2	143 to 144
23	Contractor Type	CONTRACTOR-TYPE	A2	145-146
25	Award Outside US	AWARD-OUTSIDE-US	A1	147
26	Extent of Competition	EXT-COMPETITION	A1	148

111	Estimated Cost or Fixed Price	PRICE/EST-COST	N11	149 to 159
112	Fee	TOT-PROFIT/FEE	N11	160 to 170
110	Total Contract Value Including Options	TOT-CONT-VAL-INCL-OPTIONS from record type 2 (base) and record type 1 (composite) in that order	N11, N11	Base 171 to 181, Comp 182 to 192
27	Product or Service Code	TYPE-SERV/PROD	A4	193 to 196
22	Type of IDV	IDV-TYPE-CODE	A1	197
113	Action Obligation	OBLIG	N11	198 to 208
30	Bundling of Contract Requirements	BUNDLING-IND	A1	209
72	COTR Name	COTR-NAME from GRANT-FILE (1356 data)	A15	210 to 224
32	Description of Contract	CONTRACT-DESC(1) & (2) (50 bytes each)	A100	225 to 324
33	CICA Applicability	CICA-APPLICABILITY	A1	325
36	Pre-Award Synopsis Requirement	PROCUR-SYNOP	A1	326
35	Contract Type	TYPE-CONTRACT	A2	327 to 328
40	Number of Offers Received	NUM-OFFERS-RECV	A3	329 to 331
41	Solicitation Procedures	SOLICITATION-PROCEDURES	A1	332
42	Authority for Other than Full and Open Competition	AUTHORITY-OTHER-THAN-OPEN	A1	333
43	Labor Statutes	LABOR-STATUTES	A1	334
45	North American Industry Classification System (NAICS)	NAICS-CODE	A6	335 to 340
46	Contract Administration Delegated	DELEG-CONT-ADMINISTRATION	A1	341
83	Other Preference Programs	OTHER-PREFERENCE-PROGRAM	A1	342
48	Advisory/Assistance Services Contract	ADV/ASST-CONTRACT	A1	343
49	Support Services Type Contract	SUPPORT-SERVICE-CONTRACT	A1	344
50	Cost Accounting Standards Clause	COST-ACCT-STAND-CLAUSE	A1	345
51	New Technology or Patent Rights Clause	NEW-TECHNOLOGY/PATENT-RIGHTS	A1	346

52	**Subcontracting Program Plan**	SUBCONTRACT-PROG-PLAN	A1	347
53	**SBIR Award**	SBIR-AWARD	A1	348
24	**Women-Owned Business**	WOMAN-OWNED-SMALL-BUSINESS	A1	349
55	**Contract for Foreign Gov't or International Organization**	CONT-FOREIGN-GOVT/INTL-ORG	A1	350
56	**MRR: Cost and Performance Reporting**	COST-PERF-REPT/NF533	A1	351
57	**Property Financial Reporting**	PROP-SPACE-HDWR-REPT/NF1018	A1	352
58	**Commercial Item Acquisition**	COMMERCIAL-ITEM-ACQUISITION	A1	353
65	**Ethnic Type**	ETHNIC-GROUP	A1	354
38	**Percent Performance Based**	PERFORMANCE-BASED-CONTRACTING	A1	355
59	**Country of Manufacturer**	COUNTRY-OF-MANUFACTURER	A2	356 to 357
54	**STTR Award**	CNTRCT-STTR-AWARD-CODE	A1	358
60	**Demonstration Test Program**	DEMONST-TEST-PROGRAM	A1	359
61	**Emerging Small Business**	EMERGING-SM-BUS	A1	360
62	**Emerging Small Business Reserve Award**	EMERGING-SM-BUS-RES-AWD	A1	361
63	**Size of Small Business**	SIZE-OF-SM-BUS	A1	362
46a	**Blanket-Delegation**	BLANKET-DELEGATION	A11	363
46b	**Deleg-Post-Awd-Audit**	DELEG-POST-AWD-AUDIT	A1	364
46c	**Deleg-Security**	DELEG-SECURITY	A1	365
46d	**Deleg-Cost-Acct-Standards**	DELEG-COST-ACCT-STANDARDS	A1	366
46e	**Deleg-Prop-Admin**	DELEG-PROP-ADMIN	A1	367
46f	**Deleg-Transportation**	DELEG-TRANSPORTATION	A1	368
46g	**Deleg-Quality-Assurance**	DELEG-QUALITY-ASSURANCE	A1	369
46h	**Deleg-Consent-ToSubcontract**	DELEG-CONSENT-TO-SUBCONTRACT	A1	370
46i	**Deleg-Closeout**	DELEG-CLOSEOUT	A1	371
46j	**Deleg-Engineering/Prod-Surv**	DELEG-ENGINEERING/PROD-SURV	A1	372

46k	Deleg-Other	DELEG-OTHER	A1	373
64	**Value Engineering Clause**	VALUE-ENGINEERING-CLAUSE-IND	A1	374
99	**DOD Claimant Program Code**	DOD-CLAIMANT-PROGRAM-CODE	A3	375 to 377
79	**Mid-Range Ind**	CNTRCT-MID-RNG-IND	A1	378
105	**Fee for Use of Service**	USE-OF-SERV-FEE-CODE	A3	379 to 381
84	**Hubzone Small Business Concern**	HBZ-SML-BUS-CNCRN-IND	A1	382
85	**Hubzone Program**	HBZ-PGM-CODE	A1	383
87	**Small Disadvantaged Business**	SDB-PGM-CODE	A1	384
88	**Hubzone Price Evaluation Percent Difference**	HBZ-PRICE-EVAL-PREF-DIFF-PCT	A2	385 to 386
89	**SDB Price Evaluation Adjustment Percent Difference**	SDB-PRICE-EVAL-ADJ-DIFF-PCT	A2	387 to 388
86	**Veteran Owned Small Business Award**	VOSB-CNCRN-CODE	A1	389
115	**Multiple Award Contract Fair Opportunity**	MACFO-CODE from PURCHASE-ORDER-FILE (only use for POs)	A1	390
90	**EPA Designated Products**	EPA-PRDCT-CODE	A1	391
91	**Recoverd Materials Clause**	RCVRD-MTRL-CLAUSES-CODE	A1	392
95	**Funding Agency**	FA-CODE	A4	393 to 396
96	**Funding Agency DODAAC**	FA-DODAAC-CODE	A6	397 to 402
94	**Funding Agency - Commercial Item**	FA-CMRCL-ITEM-CTGRY-CODE	A1	403
97	**Funding Agency - Reason for Purchase**	FA-PURCHASE-REASON-CODE	A1	404
98	**Funding Agency - Clinger-Cohen Act**	FA-CLINGER-COHEN-ACT-IND	A1	405
2	**Offeror's Proposal Number**	CNTRCT-PRPSL-NMBR	A18	406 to 423
12	**Contractor Address** City/State	CONTRACTOR-CITY-NAME (A24) CONTRACTOR-STATE-CODE (A2) Get from AMS-CIC-FILE	A26	424 to 449
28	**Solicitation Issue Date**	SOLICITATION-ISSUE-DATE	N8	450 to 457

29	Solicitation Identifier	SOLICITATION-ID	A50	458 to 507
19	Multiple or Single Award IDC	AWRD-IDC-CODE	A1	508
37	Synopsis Waiver Exception	SYNOP-WAIVER-EXCEPTION-IND	A1	509
44	Contract Financing	CONTRACT-FINANCING-CODE	A1	510
47	Multiyear Contract	MULTIYEAR-CONTRACT-IND	A1	511
66	Effective Date	EFFECTIVE-DATE	N8	512 to 519
68	Equipment Code	EQUIP-CODE	A1	520
76	A-76 (FAIR Act) Action	A-76-FAIR-ACT-IND	A1	521
77	Purchase Card as Payment Method	PURCHASE-CARD-AS-PYMT-IND	A1	522
78	Best Value	CNTRCT-BEST-VALUE-IND	A1	523
81	Ultimate Completion Date	ULTIMATE-COMPL-DATE	N8	524 to 531
92	Major Program	MAJOR-PROGRAM	A80	532 to 611
31	Referenced Contract No	REFERENCED-CONTRACT-NMBR	A25	612 to 636
93	Program Acronym	PGM-ACRONYM	A25	637 to 661
100	Indefinite Delivery Vehicle Last Date to Order	IDV-LAST-DATE-TO-ORDER	N8	662 to 669
101	Other Statutory Authority	OTHER-STATUTORY-AUTHORITY-CODE	A1	670
102	Web Site URL	WEB-SITE-URL	A80	671 to 750
103	Who Can Use	WHO-CAN-USE	A200	751 to 950
104	Maximum Order Limit	MAX-ORDER-LIMIT	A20	951 to 970
106	Fixed Fee Value	FIXED-FEE-VALUE	A4	971 to 974
107	Fee Range Lower Value	FEE-RANGE-LOWER-VALUE	A4	975 to 978
108	Fee Range Upper Value	FEE-RANGE-UPPER-VALUE	A4	979 to 982
114	Funded Thru Date	FUNDED-THRU	N8	983 to 990
	Primary Principal Investor	PRINC-INVES-1 from GRANT-FILE (1356 data)	A15	991 to 1005
	Secondary Principal Investor	PRINC-INVES-2 from GRANT-FILE (1356 data)	A15	1006 to 1020
	COTR Alternate	COTR-ALTERNATE from GRANT-FILE (1356 data)	A15	1021 to 1035

	FILLER	(Hold positions for Cntrct-Rcv-Awrd-Lt-Cnt and Cntrct-Slcttn-Awrd-Lt-Cnt on History file)	N6	1036 to 1041
	Submission-Date		A4	1042 to 1045
	Fatal-Switch		A1	1046

MODULE ID	MODULE NAME	TYPE
CCR1311A	Adhoc	Program
CCR1311B	Adhoc	Program
CCR1311C	Adhoc	Program
CCR1311D	Adhoc	Program
CCR1311E	Adhoc	Program
CCR1311F	Adhoc	Program
CCR1311G	Adhoc	Program
CCR1311H	Adhoc	Program
CCR1311I	Adhoc	Program
CCR1311J	Adhoc	Program
CCR1311K	Adhoc	Program
CCR1311L	Adhoc	Program
CCR1311M	Adhoc	Program
CCR1311N	Adhoc	Program
COMMON	Global Data Area	Global
NACB50LA	Local Data Area for QCB50	Local
NACB50NA	Edit Checks for QCB50 and QCB51	Subprogram
NACB51LA	Local Data Area for QCB51	Local
NADO01MA	Map for NADO01PA	Map
NADO01NC	Edit fields for Delivery Orders	Subprogram
NADO01PA	Add/Update Delivery Orders	Program
NADO02MA	Map for NADO02PA	Map
NADO02PA	Add/Update Delivery Order Mods	Program
NADO03MA	Map 1 for NADO03PA	Map
NADO03MB	Map 2 for NADO03PA	Map
NADO03PA	Query Delivery Order	Program
NADO07MA	Map for NADO07PA	Map
NADO07PA	Query Composite Delivery Order	Program
NAGE01NA	Code Name Lookup	Subprogram
NAGR01PA	FACS Lead Time Report	Program
NAQSM2MA	Map for NAQSM2PA	Map
NAQSM2PA	Quick Status – Document Mod Query	Program
NAXBOAMA	Map for NAXBOAPA	Map
NAXBOAPA	Browse Referenced Contract Number	Program
NAXMPCNA	PR Closeout Error Messages	Subprogram
QCA00	Contract Award Menu	Program
QCA20	Contract Award Add – Page 1	Program
QCA21	Contract Award Update – Page 1	Program
QCA22	Contract Award Query – Page 1	Program
QCA23	Contract Award Update – Page 3	Program
QCA25	Contract Award Update – Page 2	Program
QCA25L	Local Data Area for QCA25	Local
QCA27	Contract Award Query – Page 2	Program
QCA28	Contract Award Query – Page 3	Program
QCA50	Contract PR Cross Reference Tracking Update	Program
QCA51	Contract PR Cross Reference Tracking Inquiry	Program
QCA80	Contract 507 Edit Driver	Program
QCA85	Form 507 Edit Module	Program
QCA87	Contract 507 Edit Message Display	Program
QCA88	Table 507 Display for Error Help	Program

QCA89	PPC Edit Value Display for 507 Error Help	Program
QCB33	Cost Tracking – Financial Data for Basic Contract Add	Program
QCB34	Cost Tracking – Financial Data for Basic Contract Update	Program
QCB35	Cost Tracking – Financial Data for Contract Modification Add or Update	Program
QCB50	Add Contract Mod	Program
QCB51	Update Contract Mod – Page 1	Program
QCB52	Contract Modification Query – Page 1	Program
QCB53	Update Contract Mod – Page 2	Program
QCB54	Contract Modification Query – Page 2	Program
QCB61	Contract Mod Deletion	Program
QCC20	Contract Closeout Processing Options	Program
QCC22	Update Closeout Data for a Contract	Program
QCDXPDWS	PDWS Extract for Contract DO's	Program
QCFACSPA	Parameter Data for FACS	Parameter
QCFACSPB	Parameter Data for FACS	Parameter
QCGXPDWS	PDWS Extract for Contracts	Program
QCR11A	Alphabetical Listing of Active Contracts	Program
QEMCA20	Map 1 for QCA20	Map
QEMCA20A	Map 2 for QCA20	Map
QEMCA21	Map 1 for QCA21	Map
QEMCA21A	Map 2 for QCA21	Map
QEMCA22	Map for QCA22	Map
QEMCA23	Map 1 for QCA23	Map
QEMCA23A	Map 2 for QCA23	Map
QEMCA25	Map 1 for QCA25	Map
QEMCA25A	Map 2 for QCA25	Map
QEMCA25B	Map 3 for QCA25	Map
QEMCA27	Map for QCA27	Map
QEMCA28	Map for QCA28	Map
QEMCB50	Map 1 for QCB50	Map
QEMCB50A	Map 2 for QCB50	Map
QEMCB51	Map 1 for QCB51	Map
QEMCB51A	Map 2 for QCB51	Map
QEMCB52	Map for QCB52	Map
QEMCB53	Map 1 for QCB53	Map
QEMCB53A	Map 2 for QCB53	Map
QEMCB54	Map for QCB54	Map
QEMNA20	Map 1 for QNA20	Map
QEMNA20A	Map 2 for QNA20	Map
QEMNA21	Map 1 for QNA21	Map
QEMNA21A	Map 2 for QNA21	Map
QEMNA22	Map for QNA22	Map
QEMNB50	Map 1 for QNB50	Map
QEMNB50A	Map 2 for QNB50	Map
QEMNB51A	Map for QNB51	Map
QEMNB52	Map for QNB52	Map
QEMSA15	Map 1 for QSA15	Map
QEMSA15A	Map 2 for QSA15	Map
QEMSA16	Map for QSA16	Map
QEMSA17	Map 1 for QSA17	Map
QEMSA17A	Map 2 for QSA17	Map

QEMSA18	Map 1 for QSA18	Map
QEMSA18A	Map 2 for QSA18	Map
QEMSA19	Map for QSA19	Map
QEMSA21	Map 1 for QSA21	Map
QEMSA21A	Map 2 for QSA21	Map
QEMSA22	Map for QSA22	Map
QEMSA23	Map 1 for QSA23	Map
QEMSA23A	Map 2 for QSA23	Map
QEMSA25	Map 1 for QSA25	Map
QEMSA25A	Map 2 for QSA25	Map
QEMSA27	Map for QSA27	Map
QEMSA28	Map for QSA28	Map
QEMSB50	Map 1 for QSB50/QSB51	Map
QEMSB50A	Map 2 for QSB50	Map
QEMSB51A	Map 2 for QSB51	Map
QEMSB52	Map for QSB52	Map
QEMSB53	Map 1 for QSB53/QSB54	Map
QEMSB53A	Map 2 for QSB53	Map
QEMSB54A	Map 2 for QSB54	Map
QEMSB55	Map for QSB55	Map
QEMSB56	Map 1 for QSB56	Map
QEMSB56A	Map 2 for QSB56	Map
QEMSB57	Map for QSB57	Map
QEMSB58	Map 1 for QSB58	Map
QEMSB58A	Map 2 for QSB58	Map
QEMSB59	Map for QSB59	Map
QENA25	Contract Update Validation Check	Subprogram
QENCA85	Exception Edit Subprogram	Subprogram
QENCC01	Composite Field Update (Contracts)	Subprogram
QENCC02	Composite Field Update (Contract Mod Num)	Subprogram
QENCN01	Composite Field Update (Grants)	Subprogram
QENCN02	Composite Field Update (Grants-Supp Num)	Subprogram
QENCPDWS	PDWS Extract for Contracts Composite Field Update	Subprogram
QENCS01	Composite Field Update (Purchase Orders)	Subprogram
QENCS02	Composite Field Update (PO-By Mod)	Subprogram
QENGR14B	Compare History Record for Updated Data	Subprogram
QENGR14C	Build FACS Record	Subprogram
QENGR15E	FACS Compare Subroutine – Unique Field Compare for PO's > = $25K	Subprogram
QENGR15F	FACS Build Record Subroutine	Subprogram
QENNPDWS	PDWS Extract for Grants	Subprogram
QENSPDWS	PDWS Extract for PO's	Subprogram
QENSA01	Retrieve Large/Small PO Indicator	Subprogram
QEWBV10A	Query Purchase Order	Subprogram
QEWBV10B	Query Contract Award	Subprogram
QEWBV10C	Query Grant Award	Subprogram
QGR07	Contract Trial FACS Report	Program
QGR08	FACS Trial Run – Purchase Orders	Program
QGR09	Trial Run FACS for Grants	Program
QGR14	Contract FACS Driver	Program
QGR15	FACS Submission for Grants	Program
QGR16	Create FACS Tape for Grant File	Program
QGR54	PMDR Report – Lines 010-030	Program

QGR55	PMDR Report – Line 060	Program
QGR58	PMDR Report – Line 090	Program
QGR59	PMDR Report – Line 100	Program
QGR60	PMDR Report – Lines 120-250, 490-520, 830-840	Program
QGR64	PMDR Report – Line 270	Program
QGR65	PMDR Report – Line 280	Program
QGU01	Update System Generated Flags and Dates	Program
QGU02	Change the Document or Modification Number for a Contract, PO, or Grant	Program
QNA20	Grant Award Add Screen	Program
QNA21	Grant Award Update Screen	Program
QNA22	Grant Award Query Screen	Program
QNA30	Grant Case (Form 1356) Processing	Program
QNA80	Grant 507 Edit Driver	Program
QNB34	Cost Tracking – Financial Data for Basic Grant Update	Program
QNB50	Grant Supplement Addition	Program
QNB51	Grant Supplement Update	Program
QNB52	Grant Supplement Query	Program
QNB61	Grant Mod Deletion	Program
QNC20	Update Closeout Data for a Grant	Program
QNFACSL	Local Data Area for FACS	Local
QNGXPDWS	PDWS Extract for Grants	Program
QPX01	PR to Document Cross Reference	Program
QSA00	PO Award Menu	Program
QSA15	PO Add	Program
QSA15L	Local Data Area for QSA15	Local
QSA16	Small Purchase Order Query – Page 1	Program
QSA17	Small Purchase Order Update – Page 1	Program
QSA17L	Local Data Area for QSA17	Local
QSA18	Small Purchase Order Update – Page 2	Program
QSA19	Small Purchase Order Query – Page 2	Program
QSA21	Purchase Order Update – Page 1	Program
QSA22	Purchase Order Query – Page 1	Program
QSA23	Purchase Order Update – Page 3	Program
QSA25	Purchase Order Update – Page 2	Program
QSA27	Purchase Order Query – Page 2	Program
QSA28	Purchase Order Query – Page 3	Program
QSA50	PO/PR Cross Reference Tracking Update	Program
QSA51	PO/PR Cross Reference Tracking Inquiry	Program
QSA61	PO File Browse by PO Number	Program
QSA62	PO File Browse by Organization Code	Program
QSA63	PO File Browse by Award Date	Program
QSA64	PO File Browse by Compl Date	Program
QSA65	PO File Browse by Kind of Action	Program
QSA67	PO File Browse by Administrator Code	Program
QSA68	PO File Browse by Required Delivery Date	Program

QSA80	PO 507 Edit Driver	Program
QSB00	PO Administration Menu	Program
QSB33	Cost Tracking – Financial Data for Basic Purchase Order Add	Program
QSB34	Cost Tracking – Financial Data for Basic Purchase Order Update	Program
QSB50	PO Modification Add – Page 1	Program
QSB51	PO Modification Update – Page 1	Program
QSB52	PO Modification Query – Page 1	Program
QSB53	Small PO Modification Add – Page 1	Program
QSB54	Small PO Modification Update – Page 1	Program
QSB55	Small PO Modification Query – Page 1	Program
QSB56	PO Modification Update – Page 2	Program
QSB57	PO Modification Query – Page 2	Program
QSB58	Small PO Modification Update – Page 2	Program
QSB59	Small PO Modification Query – Page 2	Program
QSB61	PO Mod Deletion	Program
QSDO01MA	Map for QSDO01PA	Map
QSDO01NC	Edit Fields for PO Delivery Orders	Subprogram
QSDO01PA	Add/Update PO Delivery Orders	Program
QSDO02MA	Map for QSDO02PA	Map
QSDO02PA	Add/Update PO Delivery Order Mods	Program
QSDO03MA	Map 1 for QSDO03PA	Map
QSDO03MB	Map 2 for QSDO03PA	Map
QSDO03PA	Query PO Delivery Order	Program
QSDO07MA	Map for QSDO07PA	Map
QSDO07PA	Query Composite PO Delivery Order	Program
QSDXPDWS	PDWS Extract for PO DO's	Program
QSFACSL	Local Data Area for FACS	Local
QSFACSP	Parameter Data for FACS	Parameter
QSGXPDWS	PDWS Extract for PO's	Program
QSR00	PO Reports Menu	Program
QSR12	PO by Specified Referenced Contract Number Online Report	Program
QSR13	PO by Specified Referenced Contract Number Batch Report	Program
QTU50	507 Edit Field Edit Relationship Maintenance	Program
TBLWK1XX	Local Data Area for Adhocs	Local

4.0 Number 1313
Remove Langley specific code from programs.

Description of Change
LARC plans to enter all PR's over 25K into AMS so that milestones can be tracked against them because SAP does not provide that capability. The SAP PR number is 10 characters long, but there is some Langley specific code in the PR programs that only allows a PR to be 8 characters long. The Langley specific code has been removed so that they can add PR's with 10 characters.

Functional Impact
There should be no functional impact from this CCR to any center other than LARC.

Validation Procedures
1. Test all Purchase Request functions to verify that they operate correctly.

MODULE ID	MODULE NAME	TYPE
QPA01A	Add a PR Record	Program
QPA01B	Add a PR Record (from a File)	Program
QPA10	Add a PR Record Not in Procurement	Program
QPG02	PR Processing Options	Program
QPU90	PR Record Key Change	Program

APPENDIX D
INSTALLATION INSTRUCTIONS
FOR AMS SOFTWARE RELEASE 7.9.0

INSTALLATION INSTRUCTIONS AND CHECKLIST
FOR AMS SOFTWARE RELEASE 7.9.0

Introduction

Release information:

System Name: AMS
Release Number: 7.9.0
Release Date: August 29, 2003
Effective Date: August 29, 2003

The following dataset is located on the transient storage DASD volumes under the following data set name:

- xxMOV.AMS.PROD.R790.R0803.SRC
- xxMOV.AMS.PROD.R790.R0803.PRD
- xxMOV.AMS.PROD.R790.R0803.TBL04
- xxMOV.AMS.PROD.R790.R0803.PDWSJCL

Where "xx" is replaced by the appropriate NASA Center designation.

```
AR – ARC
DF – DFRC
GS – GSFC
HQ – HQ
J5 – JSC
LA – LaRC
LE – GRC (Glenn)
KS – KSC
MS – MSFC
SS – SSC
```

In case of installation problems, contact the NACC Technical Services Center
(Identify yourself as SESAAS & AMS.)

Telephone: (256) 544-6673
Email: charmaine.styles-oscarson@msfc.nasa.gov
FAX: (256) 544-1836

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in Section 9.0 to assist in tracking the installation of this release.

1.0   Back Up Existing Data
2.0   Copy Source
3.0   Pre-Predict Data Conversion
4.0   Install Predict
5.0   Catalog Source Code
6.0   Post-Predict Data Conversion
7.0   Release-Specific Procedures
8.0   Local JCL Mods
9.0   Installation Checklist

1.0 Back Up Existing Data

It is advisable to back up all AMS files as a precautionary measure prior to installation.

2.0 Copy Source

2.1 Copy Source Code

Load the AMS library from dataset xxMOV.AMS.PROD.R790.R0803.SRC. The source programs were unloaded using the Natural utility NATUNLD. Using NATLOAD, the programs will be loaded to the application library named LAMSPROD, replacing any existing programs of the same name. Verify the modules loaded (output from the batch NATLOAD job) against the VDD list of source code modifications.

When installing this release into production, repeat the above procedures. It is not recommended to copy released modules from test to production. Some modules may be missed or object code may accidentally be copied along with source code. Except in the case of Command Processors (not applicable to most SESAAS applications) **cataloged object code should never be copied into one library from another.** This can cause Global timestamp errors, or worse, can cause production code to update and corrupt test data, or vice versa. Load only source code and then catalog it to generate the proper version of the cataloged Object code.

The source module counts included in this release are listed below:

Natural Source Modules by type	
GLOBAL DATA AREA	1
LOCAL/PARAM DATA AREA	11
MAPS	72
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	26
PROGRAMS	149
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	**259**

2.2   List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules:
1. QCB53   Update Contract Mod – Page 2   Program
2. QCB54   Contract Modification Query – Page 2   Program
3. QCFACSPA   Parameter Data for FACS   Parameter
4. QCFACSPB   Parameter Data for FACS   Parameter
5. QEMCB53   Map 1 for QCB53   Map
6. QEMCB53A   Map 2 for QCB53   Map
7. QEMCB54   Map for QCB54   Map
8. QEMSA18   Map 1 for QSA18   Map
9. QEMSA18A   Map 2 for QSA18   Map
10. QEMSA19   Map for QSA19   Map
11. QEMSB56   Map 1 for QSB56   Map
12. QEMSB56A   Map 2 for QSB56   Map
13. QEMSB57   Map for QSB57   Map
14. QEMSB58   Map 1 for QSB58   Map
15. QEMSB58A   Map 2 for QSB58   Map
16. QEMSB59   Map for QSB59   Map
17. QENGR15E   FACS Compare Subroutine – Unique Field   Subprogram
                     Compare for PO's > = $25K
18. QENGR15F   FACS Build Record Subroutine   Subprogram
19. QENSA01   Retrieve Large/Small PO Indicator   Subprogram
20. QNFACSL   Local Data Area for FACS   Local
21. QSA18   Small Purchase Order Update – Page 2   Program
22. QSA19   Small Purchase Order Query – Page 2   Program
23. QSB56   PO Modification Update – Page 2   Program
24. QSB57   PO Modification Query – Page 2   Program
25. QSB58   Small PO Modification Update – Page 2   Program
26. QSB59   Small PO Modification Query – Page 2   Program

27. QSFACSL	Local Data Area for FACS	Local
28. QSFACSP	Parameter Data for FACS	Parameter

Changed Modules:

1. **COMMON**	**Global Data Area**	**Global**
2. NACB50LA	Local Data Area for QCB50	Local
3. NACB50NA	Edit Checks for QCB50 and QCB51	Subprogram
4. NACB51LA	Local Data Area for QCB51	Local
5. NADO00PA	Delivery Order Menu	Program
6. NADO01MA	Map for NADO01PA	Map
7. NADO01NC	Edit fields for Delivery Orders	Subprogram
8. NADO01PA	Add/Update Delivery Orders	Program
9. NADO02MA	Map for NADO02PA	Map
10. NADO02PA	Add/Update Delivery Order Mods	Program
11. NADO03MA	Map 1 for NADO03PA	Map
12. NADO03MB	Map 2 for NADO03PA	Map
13. NADO03PA	Query Delivery Order	Program
14. NADO04PA	Browse Delivery Order Menu	Program
15. NADO04PB	Browse Delivery Orders	Program
16. NADO07MA	Map for NADO07PA	Map
17. NADO07PA	Query Composite Delivery Order	Program
18. NAGE01NA	Code Name Lookup	Subprogram
19. NAGR01PA	FACS Lead Time Report	Program
20. NAQSC1PA	Quick Status – Document Query	Program
21. NAQSM2MA	Map for NAQSM2PA	Map
22. NAQSM2PA	Quick Status – Document Mod Query	Program
23. NAXBOAMA	Map for NAXBOAPA	Map
24. NAXBOAPA	Browse Referenced Contract Number	Program
25. NAXMPCNA	PR Closeout Error Messages	Subprogram
26. NAXPR1NA	Link PR's To Documents	Subprogram
27. QCA00	Contract Award Menu	Program
28. QCA11	Contract File Browse By Contract Number	Program
29. QCA20	Contract Award Add – Page 1	Program
30. QCA21	Contract Award Update – Page 1	Program
31. QCA22	Contract Award Query – Page 1	Program
32. QCA23	Contract Award Update – Page 3	Program
33. QCA25	Contract Award Update – Page 2	Program
34. QCA25L	Local Data Area for QCA25	Local
35. QCA27	Contract Award Query – Page 2	Program
36. QCA28	Contract Award Query – Page 3	Program
37. QCA50	Contract PR Cross Reference Tracking Update	Program
38. QCA51	Contract PR Cross Reference Tracking Inquiry	Program
39. QCA80	Contract 507 Edit Driver	Program
40. QCA85	Form 507 Edit Module	Program
41. QCA87	Contract 507 Edit Message Display	Program
42. QCA88	Table 507 Display for Error Help	Program
43. QCA89	PPC Edit Value Display for 507 Error Help	Program
44. QCB00	Contract Administration Menu	Program
45. QCB33	Cost Tracking – Financial Data for Basic Contract Add	Program

147. QNA30	Grant Case (Form 1356) Processing	Program
148. QNA80	Grant 507 Edit Driver	Program
149. QNB00	Grant Administration Menu	Program
150. QNB34	Cost Tracking – Financial Data for Basic Grant Update	Program
151. QNB50	Grant Supplement Addition	Program
152. QNB51	Grant Supplement Update	Program
153. QNB52	Grant Supplement Query	Program
154. QNB61	Grant Mod Deletion	Program
155. QNC00	Grant Closeout Processing Menu	Program
156. QNC20	Update Closeout Data for a Grant	Program
157. QNGXPDWS	PDWS Extract for Grants	Program
158. QPA01A	Add a PR Record	Program
159. QPA01B	Add a PR Record (from a File)	Program
160. QPA10	Add a PR Record Not in Procurement	Program
161. QPG02	PR Processing Options	Program
162. QPU90	PR Record Key Change	Program
163. QPX01	PR to Document Cross Reference	Program
164. QSA00	PO Award Menu	Program
165. QSA15	PO Add	Program
166. QSA15L	Local Data Area for QSA15	Local
167. QSA16	Small Purchase Order Query – Page 1	Program
168. QSA17	Small Purchase Order Update – Page 1	Program
169. QSA17L	Local Data Area for QSA17	Local
170. QSA21	Purchase Order Update – Page 1	Program
171. QSA22	Purchase Order Query – Page 1	Program
172. QSA23	Purchase Order Update – Page 3	Program
173. QSA25	Purchase Order Update – Page 2	Program
174. QSA27	Purchase Order Query – Page 2	Program
175. QSA28	Purchase Order Query – Page 3	Program
176. QSA50	PO/PR Cross Reference Tracking Update	Program
177. QSA51	PO/PR Cross Reference Tracking Inquiry	Program
178. QSA61	PO File Browse by PO Number	Program
179. QSA62	PO File Browse by Organization Code	Program
180. QSA63	PO File Browse by Award Date	Program
181. QSA64	PO File Browse by Compl Date	Program
182. QSA65	PO File Browse by Kind of Action	Program
183. QSA67	PO File Browse by Administrator Code	Program
184. QSA68	PO File Browse by Required Delivery Date	Program
185. QSA80	PO 507 Edit Driver	Program
186. QSB00	PO Administration Menu	Program
187. QSB33	Cost Tracking – Financial Data for Basic Purchase Order Add	Program
188. QSB34	Cost Tracking – Financial Data for Basic Purchase Order Update	Program
189. QSB50	PO Modification Add – Page 1	Program
190. QSB51	PO Modification Update – Page 1	Program

191.	QSB52	PO Modification Query – Page 1	Program
192.	QSB53	Small PO Modification Add – Page 1	Program
193.	QSB54	Small PO Modification Update – Page 1	Program
194.	QSB55	Small PO Modification Query – Page 1	Program
195.	QSB61	PO Mod Deletion	Program
196.	QSDO00PA	PO Delivery Order Menu	Program
197.	QSDO01MA	Map for QSDO01PA	Map
198.	QSDO01NC	Edit Fields for PO Delivery Orders	Subprogram
199.	QSDO01PA	Add/Update PO Delivery Orders	Program
200.	QSDO02MA	Map for QSDO02PA	Map
201.	QSDO02PA	Add/Update PO Delivery Order Mods	Program
202.	QSDO03MA	Map 1 for QSDO03PA	Map
203.	QSDO03MB	Map 2 for QSDO03PA	Map
204.	QSDO03PA	Query PO Delivery Order	Program
205.	QSDO04PA	Browse PO Delivery Order Menu	Program
206.	QSDO04PB	Browse PO Delivery Orders	Program
207.	QSDO07MA	Map for QSDO07PA	Map
208.	QSDO07PA	Query Composite PO Delivery Order	Program
209.	QSDXPDWS	PDWS Extract for PO DO's	Program
210.	QSGXPDWS	PDWS Extract for PO's	Program
211.	QSR00	PO Reports Menu	Program
212.	QSR12	PO by Specified Referenced Contract Number Online Report	Program
213.	QSR13	PO by Specified Referenced Contract Number Batch Report	Program
214.	QTU50	507 Edit Field Edit Relationship Maintenance	Program

Deleted Modules:
    There are no modules deleted in this release.

The following programs were created for this release:
1. CCR1310A   Adhoc to add Table 78—Type of Action Table
2. CCR1310B   Adhoc to add global variable +CENTER to Table 39
3. CCR1311A   Adhoc to update Predict AMS Table
4. CCR1311B   Adhoc to add Table 79—Type of IDV Code Table
5. CCR1311C   Adhoc to add Table 80—Contract Financing Codes
6. CCR1311D   Adhoc to add Table 81—Other Statutory Authority Codes
7. CCR1311E   Adhoc to add Table 82—Fee for Use of Service Codes
8. CCR1311F   Adhoc to add Table 83—Multiple/Single Award IDC Codes
9. CCR1311G   Adhoc to update table entries on various tables
10. CCR1311H   Adhoc to rebuild Table 49—Contract Field Names and Numbers
11. CCR1311I   Adhoc to modify Table 50 entries to reflect the new field numbers in Table 49
12. CCR1311J   Adhoc for FACS History File Conversion
13. CCR1311K   Adhoc to add Table 28—Percent Performance Based
14. CCR1311L   Adhoc to update Kind of Action/IDV Type Code based on old Kind of Action/Center Kind of Action
15. CCR1311M   Adhoc to update Table 4—NAICS Codes

16. CCR1311N   Adhoc to update edits on Table 50
17. TBLWK1XX   Local Data Area for Adhocs

(These programs should be deleted after you successfully install the release in production.)

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

4.1 Data Dictionary Changes

This release includes the enhancements for version 7.9.0. Details for changes in this release can be found under paragraph 4.1.3, Physical File Changes, or by performing Predict reporting on the keyword AMS-7.9.0.

Use SYSDICBE to load the PREDICT modifications from the dataset xxMOV.AMS.PROD.R790.R0802.PRD.

The following AMS Data Definition Modules (DDMs) should be generated after the PREDICT load is complete.

AMS-DLVRY-ORDR-FILE
AMS-PO-DLVRY-ORDR-FILE
CONTRACT-FILE
GRANT-FILE
PURCHASE-ORDER-FILE

4.1.1 Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the PREDICT object modules for this release.

Predict Objects by Type:

Keyword   1
Standard Files   1
Conceptual Files   0
ADABAS Files and Views   19

4.1.2 Storage Considerations

The changes represented by this release should not affect storage requirements.

4.1.3 Physical File Changes

Use the ADABAS Utility commands listed below to build the JCL for the file changes. Cut and paste the ADADBS control statements directly into the TSO ISPF editor. Call RICK BISHOP (256)544-5352 with any questions or problems.

Add the following field:

```
AMS-DLVRY-ORDR-FILE                 File # 213
Ty L Field ID                       F  Length   Occ   D U DB S
*- - ------------------------------ *- -------- ----- * * -- *
   1 IDV-TYPE-CODE                   A     1.0           BD N
```

Using the following commands:

```
//DDKARTE   DD  *
ADADBS NEWFIELD FILE=213
ADADBS FNDEF='01,BD,1,A,NU'
/*
```


Add the following field:

```
AMS-PO-DLVRY-ORDR-FILE              File # 214
Ty L Field ID                       F  Length   Occ   D U DB S
*- - ------------------------------ *- -------- ----- * * -- *
   1 IDV-TYPE-CODE                   A     1.0           BD N
```

Using the following commands:

```
//DDKARTE   DD  *
ADADBS NEWFIELD FILE=214
ADADBS FNDEF='01,BD,1,A,NU'
/*
```

Add the following fields:

```
CONTRACT-FILE                           File # 202
Ty L  Field ID                       F   Length   Occ   D U  DB  S
*- -  ------------------------------ *-  -------- ----- * *  --  *
   1  ULTIMATE-COMPL-DATE            N      8.0              DJ  N
   1  IDV-LAST-DATE-TO-ORDER         N      8.0              DL  N
   1  WEB-SITE-URL                   A     80.0              DM  N
   1  WHO-CAN-USE                    A    200.0              DO  N
   1  MAX-ORDER-LIMIT                N     15.0              DP  N
   1  USE-OF-SERV-FEE-CODE           A      3.0              DR  N
   1  FIXED-FEE-VALUE                N      4.0              DS  N
   1  FEE-RANGE-LOWER-VALUE          N      4.0              DU  N
   1  FEE-RANGE-UPPER-VALUE          N      4.0              DV  N
   1  MULTIYEAR-CONTRACT-IND         A      1.0              EE  N
   1  SOLICITATION-ISSUE-DATE        N      8.0              EI  N
   1  SOLICITATION-ID                A     50.0              EJ  N
   1  CONTRACT-FINANCING-CODE        A      1.0              EK  N
   1  MAJOR-PROGRAM                  A     80.0              EL  N
   1  AWRD-IDC-CODE                  A      1.0              EM  N
   1  PURCHASE-CARD-AS-PYMT-IND      A      1.0              EN  N
   1  DOD-CLAIMANT-PROGRAM-CODE      A      3.0              EO  N
   1  SYNOP-WAIVER-EXCEPTION-IND     A      1.0              EQ  N
   1  A-76-FAIR-ACT-IND              A      1.0              ER  N
   1  IDV-TYPE-CODE                  A      1.0      D       ES  N
   1  PGM-ACRONYM                    A     25.0              ET  N
   1  OTHER-STATUTORY-AUTHORITY-CODE A      1.0              EV  N
   1  FA-CODE                        A      4.0              EY  N
   1  FA-DODAAC-CODE                 A      6.0              FU  N
   1  FA-CMRCL-ITEM-CTGRY-CODE       A      1.0              GD  N
   1  FA-PURCHASE-REASON-CODE        A      1.0              GS  N
   1  FA-CLINGER-COHEN-ACT-IND       A      1.0              GT  N
```

Using the following commands:

```
//DDKARTE   DD   *
ADADBS NEWFIELD FILE=202
ADADBS FNDEF='01,DJ,8,U,NU'
ADADBS FNDEF='01,DL,8,U,NU'
ADADBS FNDEF='01,DM,80,A,NU'
ADADBS FNDEF='01,DO,200,A,NU'
ADADBS FNDEF='01,DP,15,U,NU'
ADADBS FNDEF='01,DR,3,A,NU'
ADADBS FNDEF='01,DS,4,U,NU'
ADADBS FNDEF='01,DU,4,U,NU'
ADADBS FNDEF='01,DV,4,U,NU'
ADADBS FNDEF='01,EE,1,A,NU'
ADADBS FNDEF='01,EI,8,U,NU'
ADADBS FNDEF='01,EJ,50,A,NU'
ADADBS FNDEF='01,EK,1,A,NU'
ADADBS FNDEF='01,EL,80,A,NU'
ADADBS FNDEF='01,EM,1,A,NU'
ADADBS FNDEF='01,EN,1,A,NU'
```

```
ADADBS FNDEF='01,EO,3,A,NU'
ADADBS FNDEF='01,EQ,1,A,NU'
ADADBS FNDEF='01,ER,1,A,NU'
ADADBS FNDEF='01,ES,1,A,DE,NU'
ADADBS FNDEF='01,ET,25,A,NU'
ADADBS FNDEF='01,EV,1,A,NU'
ADADBS FNDEF='01,EY,4,A,NU'
ADADBS FNDEF='01,FU,6,A,NU'
ADADBS FNDEF='01,GD,1,A,NU'
ADADBS FNDEF='01,GS,1,A,NU'
ADADBS FNDEF='01,GT,1,A,NU'
/*
```

Release the following descriptor:

```
CONTRACT-FILE                            File # 202
Ty L Field ID                      F   Length   Occ   D U DB S
*- - ------------------------------ *- -------- ----- * * -- *
   1 FSS/INDEF-DELIVERY/BOA-NUM      A    15.0         D   AP N
```

Using the following commands:

```
//DDKARTE  DD  *
ADADBS RELEASE FILE=202,DESCRIPTOR='AP'
/*
```

Change the following field length:

```
CONTRACT-FILE                            File # 202
Ty L Field ID                      F   Length   Occ   D U DB S
*- - ------------------------------ *- -------- ----- * * -- *
   1 FSS/INDEF-DELIVERY/BOA-NUM      A    15.0         D   AP N
changed to
   1 REFERENCED-CONTRACT-NMBR        A    25.0         D   AP N
```

Using the following commands:

```
//DDKARTE  DD  *
ADADBS CHANGE FILE=202,FIELD=AP,LENGTH=25
/*
```

Invert the following descriptor:

```
CONTRACT-FILE                              File # 202
Ty L Field ID                         F   Length   Occ    D U DB S
*- - ------------------------------   *-  --------  -----  * * -- *
     1 REFERENCED-CONTRACT-NMBR        A     25.0           D   AP N
```

Using the following commands:

```
//DDKARTE   DD  *
ADAINV INVERT FILE=202
ADAINV TEMPSIZE=???,SORTSIZE=???
ADAINV FIELD='AP'
/*
```

Add the following fields:

```
GRANT-FILE                                 File # 203
Ty L Field ID                         F   Length   Occ    D U DB S
*- - ------------------------------   *-  --------  -----  * * -- *
     1 SOLICITATION-ISSUE-DATE         N      8.0               AP N
     1 SOLICITATION-ID                 A     50.0               AV N
     1 ULTIMATE-COMPL-DATE             N      8.0               AW N
     1 REASON-NOT-SM-BUS               N      2.0               AX N
     1 CONTRACT-FUNDING-CODE           A      1.0               AY N
```

Using the following commands:

```
//DDKARTE   DD  *
ADADBS NEWFIELD FILE=203
ADADBS FNDEF='01,AP,8,U,NU'
ADADBS FNDEF='01,AV,50,A,NU'
ADADBS FNDEF='01,AW,8,U,NU'
ADADBS FNDEF='01,AX,2,U,NU'
ADADBS FNDEF='01,AY,1,A,NU'
/*
```

Invert the following descriptor:

```
GRANT-FILE                                 File # 203
Ty L Field ID                         F   Length   Occ    D U DB S
*- - ------------------------------   *-  --------  -----  * * -- *
     1 ASSOCIATED-CONTRACT-NUM         A     11.0           D   AJ N
```

Using the following commands:

```
//DDKARTE   DD  *
ADAINV INVERT FILE=203
ADAINV TEMPSIZE=???,SORTSIZE=???
ADAINV FIELD='AJ'
/*
```

Add the following fields:

```
PURCHASE-ORDER-FILE                      File # 204
Ty L Field ID                        F   Length  Occ   D U DB S
*- - ------------------------------- *- -------- ----- * * -- *
   1 ULTIMATE-COMPL-DATE             N      8.0             EN N
   1 MULTIYEAR-CONTRACT-IND          A      1.0             EO N
   1 MAJOR-PROGRAM                   A     80.0             EP N
   1 PURCHASE-CARD-AS-PYMT-IND       A      1.0             EQ N
   1 PGM-ACRONYM                     A     25.0             ER N
   1 SYNOP-WAIVER-EXCEPTION-IND      A      1.0             ES N
   1 IDV-TYPE-CODE                   A      1.0         D   ET N
   1 A-76-FAIR-ACT-IND               A      1.0             EV N
   1 SOLICITATION-ISSUE-DATE         N      8.0             EW N
   1 SOLICITATION-ID                 A     50.0             EX N
   1 DOD-CLAIMANT-PROGRAM-CODE       A      3.0             EY N
   1 OTHER-STATUTORY-AUTHORITY-CODE  A      1.0             EZ N
   1 CONTRACT-FUNDING-CODE           A      1.0             FJ N
   1 VALUE-ENGINEERING-CLAUSE-IND    A      1.0             FK N
   1 OBLIG                           N      9.2             FL N
   1 PROPOSAL-NUM                    A     18.0             FM N
```

Using the following commands:

```
//DDKARTE   DD   *
ADADBS NEWFIELD FILE=204
ADADBS FNDEF='01,EN,8,U,NU'
ADADBS FNDEF='01,EO,1,A,NU'
ADADBS FNDEF='01,EP,80,A,NU'
ADADBS FNDEF='01,EQ,1,A,NU'
ADADBS FNDEF='01,ER,25,A,NU'
ADADBS FNDEF='01,ES,1,A,NU'
ADADBS FNDEF='01,ET,1,A,DE,NU'
ADADBS FNDEF='01,EV,1,A,NU'
ADADBS FNDEF='01,EW,8,U,NU'
ADADBS FNDEF='01,EX,50,A,NU'
ADADBS FNDEF='01,EY,3,A,NU'
ADADBS FNDEF='01,EZ,1,A,NU'
ADADBS FNDEF='01,FJ,1,A,NU'
ADADBS FNDEF='01,FK,1,A,NU'
ADADBS FNDEF='01,FL,11,U,NU'
ADADBS FNDEF='01,FM,18,A,NU'
/*
```

Release the following descriptor:

```
PURCHASE-ORDER-FILE                      File # 204
Ty L Field ID                         F   Length   Occ   D U DB S
*- - ------------------------------- *- -------- ----- * * -- *
   1 FSS/INDEF-DELIVERY/BOA-NUM         A    15.0          D   AP N
```

Using the following commands:

```
//DDKARTE   DD  *
ADADBS RELEASE FILE=204,DESCRIPTOR='AP'
/*
```

Change the following field length:

```
PURCHASE-ORDER-FILE                      File # 204
Ty L Field ID                         F   Length   Occ   D U DB S
*- - ------------------------------- *- -------- ----- * * -- *
   1 FSS/INDEF-DELIVERY/BOA-NUM         A    15.0          D   AP N
changed to
   1 REFERENCED-CONTRACT-NMBR           A    25.0          D   AP N
```

Using the following commands:

```
//DDKARTE   DD  *
ADADBS CHANGE FILE=204,FIELD=AP,LENGTH=25
/*
```

Invert the following descriptor:

```
PURCHASE-ORDER-FILE                      File # 204
Ty L Field ID                         F   Length   Occ   D U DB S
*- - ------------------------------- *- -------- ----- * * -- *
   1 REFERENCED-CONTRACT-NMBR           A    25.0          D   AP N
```

Using the following commands:

```
//DDKARTE   DD  *
ADAINV INVERT FILE=204
ADAINV TEMPSIZE=???,SORTSIZE=???
ADAINV FIELD='AP'
/*
```

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all AMS modules in the LAMSPROD or other named library. The SESAAS Batch standard parameters should be used for the compile. **Since the Global named COMMON is present in this release, it is necessary to include Globals in the CATALL.**

MODULE QSA17 needs an ESIZE setting > 99 in order to catalog. Otherwise you will receive a NAT886 error.

After all objects are compiled, the AMS application will run under the SESAAS On-line standard parameter.

6.0 Post-Predict Data Conversion

Execute, in batch, the following programs, **in the order listed**, before performing any validation testing. See Appendix E for JCL examples.

CCR1310A – Adhoc to add Table 78 – Type of Action Table
CCR1310B – Adhoc to add global variable +CENTER to Table 39
CCR1311A – Adhoc to update Predict AMS Table
CCR1311B – Adhoc to add Table 79 – Type of IDV Code Table
CCR1311C – Adhoc to add Table 80 – Contract Financing Codes
CCR1311D – Adhoc to add Table 81 – Other Statutory Authority Codes
CCR1311E – Adhoc to add Table 82 – Fee for Use of Service Codes
CCR1311F – Adhoc to add Table 83 – Multiple/Single Award IDC Codes
CCR1311G – Adhoc to update table entries on various tables
CCR1311H – Adhoc to rebuild Table 49 – Contract Field Names and
   numbers
CCR1311I – Adhoc to modify Table 50 entries to reflect the new field
   numbers in Table 49
CCR1311J – Adhoc for FACS History File Conversion
CCR1311K – Adhoc to add Table 28 – Percent Performance Based
CCR1311L – Adhoc to update Kind of Action/IDV Type Code based on old
   Kind of Action/Center Kind of Action. A report listing the converted
   records will be generated.
CCR1311M – Adhoc to update Table 4 – NAICS Codes
CCR1311N – Adhoc to update edits on Table 50
LPDWSJCL – Loads PDWS JCL to Table 97 and Table 98
   (Before submitting, please read release-specific procedures below.)

7.0 Release-Specific Procedures

LPDWSJCL is a reusable job and will attempt to delete these members before adding them to the tables. The input file (xxMOV.AMS.PROD.R790.R0803.PDWSJCL) will have to be modified to fit each site's currently running PDWS JCL. Use the NAIS production server name, files, user-ids, and passwords currently being used in the batch PDWS JCL at each site to replace the generic names in the input file. The top part of the input file (down to the EOH card) contains the PDWSSTND header, which will become a member of the QGA97T Table. **DO NOT REMOVE THE EOH CARD!!!** The bottom part of the input file (from the EOH card to the bottom of the input file) contains the psuedo-JCL for QGR13, which will become a member of the QGA98T table. QGR13 can be added, edited, or deleted using the table edit screens in the AMS system, but due to the size of the JCL it is recommended any changes be made in the input file and loaded into the table using LPDWSJCL.

8.0 Local JCL Mods

The addition of new fields to the purchase order and contract files will affect the record length of the FACS history dataset and the FACS transmission dataset, increasing it from 413 bytes to 1046 bytes in any JCL referencing these datasets. See Appendix E for JCL examples.

JCL modifications will be necessary for your center's PDWS extract job. A core utility, LPDWSJCL, was developed for AMS Release 7.7.0 to load the PDWS JCL from a dataset into the AMS JCL tables Table 97 and Table 98. The dataset can be modified and reloaded into the AMS JCL tables as needed. See Appendix D for the name of the dataset containing the PDWS JCL.

The record length changes for the PDWS JCL are as follows:

	LRECL BEFORE	LRECL AFTER
CONTRACTS		
put 'MSIRM.AMS0DT.CONTR.BASIC' conbas.txt	1239	1793
put 'MSIRM.AMS0DT.CONTR.COMP' concomp.txt	1239	1793
put 'MSIRM.AMS0DT.CONTR.MODS' conmod.txt	1239	1793
CONTRACT DELIVERY ORDERS		
put 'MSIRM.AMS0DT.DELORDER.DAT' delvryordr.txt	304	306
GRANTS		
put 'MSIRM.AMS0DT.GRANT.BASIC' grntbas.txt	961	1035
put 'MSIRM.AMS0DT.GRANT.COMP' grntcomp.txt	961	1035
put 'MSIRM.AMS0DT.GRANT.MODS' grntmod.txt	961	1035
PURCHASE ORDERS		
put 'MSIRM.AMS0DT.PURORDER.BASIC' pobas.txt	1082	1321
put 'MSIRM.AMS0DT.PURORDER.COMP' pocomp.txt	1082	1321
put 'MSIRM.AMS0DT.PURORDER.MODS' pomod.txt	1082	1321
PURCHASE ORDER DELIVERY ORDERS		
put 'MSIRM.AMS0DT.PURDLVRY.DAT' podlvry.txt	277	279

9.0 Installation Checklist

1.0   Back Up Existing Data
2.1   Copy Source Code
4.0   Install Predict
5.0   Catalog Source Code
6.0   Post-Predict Data Conversion
7.0   Release-Specific Procedures
8.0   Local JCL Mods

APPENDIX E
SAMPLE JOB CONTROL LANGUAGE FOR
AMS RELEASE 7.9.0

SAMPLE JOB CONTROL LANGUAGE
FOR ADHOC PROGRAMS IN RELEASE 7.9.0

Sample JCL is listed for the adhocs in Release 7.9.0.

1. JCL1

For Programs CCR1310A, CCR1310B, CCR1311A – CCR1311H, CCR1311K – CCR1311L, and CCR1311N. Modify JCL accordingly for each program to be run.

```
********     **************************** TOP OF DATA ****************************************
000100    //CCR1310A   JOB (XXXXXXXXXXXX),AMS790,
000200    //                 CLASS=D,MSGCLASS=A,
000300    //                 NOTIFY=XXXXX
000400    //******************************************************************************
000500    //*
000600    //STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
000700    //CMPRINT     DD SYSOUT=*
000800    //CMSYNIN     DD *
000900    AMDEVL,XXXXX,XXXXX
001000    CCR1310A
001100    FIN
001200    /*
001300    //
********     **************************** BOTTOM OF DATA **********************************
```

2. JCL2

For Program CCR1311I.

```
********  **************************** TOP OF DATA ****************************************
000100  //CCR1311I    JOB (XXXXXXXXXXXX),AMS790,
000200  //            CLASS=D,MSGCLASS=A,
000300  //            NOTIFY=XXXXX
000400  //*************************************************************************************
000500  //* UNLOAD A SPECIFIC TABLE FROM TABLE FILE
000600  //*  SPECIFY THE TABLE BY FEEDING PROGRAM THE TABLE NUMBER
000700  //*************************************************************************************
000800  //ND01        EXEC N01Z,PRM='IM=D,MT=99999'
000900  //CMWKF01     DD DSN=MSIRM.AMS0DT.TBLDATA.TBL50.ORIG,
001000  //            DISP=(,CATLG,DELETE),
001100  //            DCB=(RECFM=FB),UNIT=SYSDA,
001200  //            SPACE=(CYL,(5,5),RLSE)
001300  //CMWKF02     DD DSN=MSIRM.AMS0DT.TBLDATA.TBL50.NEW,
001400  //            DISP=(,CATLG,DELETE),
001500  //            DCB=(RECFM=FB),UNIT=SYSDA,
001600  //            SPACE=(CYL,(5,5),RLSE)
001700  //CMWKF03     DD DSN=MSIRM.AMS0DT.TBLDATA.TBL50.RETIRED,
001800  //            DISP=(,CATLG,DELETE),
001900  //            DCB=(RECFM=FB),UNIT=SYSDA,
002000  //            SPACE=(CYL,(5,5),RLSE)
002100  //CMPRINT     DD SYSOUT=*
002200  //CMPRT01     DD SYSOUT=*
002300  //CMSYNIN     DD *
002400  AMDEVL,XXXXX,XXXXX
002500  CCR1311I
002600  FIN
002700  /*
002800  //
********  **************************** BOTTOM OF DATA ****************************************
```

3. JCL3

For Program CCR1311M and LPDWSJCL. Modify JCL accordingly for each program to be run.

```
********    **************************** TOP OF DATA *******************************************
000100  //CCR1311M    JOB (XXXXXXXXXXXX),AMS790,
000200  //                 CLASS=D,MSGCLASS=A,
000300  //                 NOTIFY=XXXXX
000400  //******************************************************************************
000500  //*
000600  //STEP01       EXEC N01Z,PRM='IM=D,MT=99999'
000700  //CMWKF01      DD DSN=xxMOV.AMS.PROD.R790.R0803.TBL04,
000800  //                 DISP=SHR,DCB=(RECFM=VB,LRECL=256,BLKSIZE=6233),
000900  //                 UNIT=SYSDA
001000  //CMPRINT      DD SYSOUT=(R),DEST=XXXXX
001100  //CMSYNIN      DD *
001200  AMDEVL,XXXXX,XXXXX
001300  CCR1311M
001400  FIN
001500  /*
001600  //
********    **************************** BOTTOM OF DATA *******************************************
```

For Adhoc CCR1311M, use dataset xxMOV.AMS.PROD.R790.R0803.TBL04.
For Program LPDWSJCL, use dataset xxMOV.AMS.PROD.R790.R0803.PDWSJCL.

4. JCL4
For Program CCR1311J

```
********   **************************** TOP OF DATA ****************************************
000100  //CCR1311J    JOB (XXXXXXXXXXXX),AMS790,
000200  //                  CLASS=D,MSGCLASS=A,
000300  //                  NOTIFY=XXXXX
000400  //****************************************************************************
000500  //*
000600  //STEP01       EXEC N01Z,PRM='IM=D,MT=99999'
000700  //CMWKF01      DD DSN=MSIRM.AMS0DT.HIST507.FACS(0),DISP=SHR,
000800  //                  DCB=(RECFM=FB,LRECL=413,BLKSIZE=4130),
000900  //                  UNIT=SYSDA
001000  //CMWKF02      DD DSN=MSIRM.AMS0DT.HIST507.FACS(+1),
001100  //                  DISP=(NEW,CATLG,DELETE),
001200  //                  UNIT=SYSDA,
001300  //                  DCB=(RECFM=FB,LRECL=1046, BLKSIZE=23012)
001400  //CMPRINT      DD SYSOUT=(R),DEST=XXXXX
001500  //CMSYNIN      DD *
001600  AMDEVL,XXXXX,XXXXX
001700  CCR1311J
001800  FIN
001900  /*
002000  //
********   **************************** BOTTOM OF DATA ****************************************
```

Remember to substitute the dataset names above with your site unique dataset names.

***Be sure to change the DCB statement to reflect the increase in the record   ***
***length of the FACS history file. This must also be changed on all other   ***
*** FACS related JCL.   ***

5. JCL5
For FACS Contract Lead Time Report

```
********   *************************** TOP OF DATA ****************************************
000100  //FACSLEAD   JOB (XXXXXXXXXXXX),AMS790,
000200  //                 CLASS=D,MSGCLASS=A,
000300  //                 NOTIFY=XXXXX
000400  //*************************************************************************************
000500  //*
000600  //STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
000700  //CMWKF01     DD DSN=MSIRM.AMS0DT.HIST507.FACS(0),DISP=SHR,
000800  //                 DCB=(RECFM=FB,LRECL=1046,BLKSIZE=23012),
000900  //                 UNIT=SYSDA
001000  //CMPRINT     DD SYSOUT=(A,P3103102)
001100  //CMSYNIN     DD *
001200  AMDEVL,XXXXX,XXXXX
001300  NAGR01PA
001400  20031001,20031001
001500  FIN
001600  /*
001700  //
********   *************************** BOTTOM OF DATA **************************************
```

Remember to substitute the dataset names above with your site unique dataset names.

***Be sure to change the DCB statement to reflect the increase in the record   ***
***length of the FACS history file.   ***

6. JCL6
For FACS Trial Run Submission

```
********  *************************** TOP OF DATA ********************************************
000100  //FACSQGR7   JOB (XXXXXXXXXXXX),AMS790,
000200  //                 CLASS=D,MSGCLASS=A,
000300  //                 NOTIFY=XXXXX
000400  //******************************************************************************
000500  //*
000600  //STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
000700  //CMWKF01     DD DSN=MSIRM.AMS0DT.HIST507.FACS(0),DISP=SHR,
000800  //               DCB=(RECFM=FB,LRECL=1046,BLKSIZE=23012),
000900  //               UNIT=SYSDA
001000  //CMPRINT     DD SYSOUT=(A,P3103102)
001100  //CMSYNIN     DD *
001200  AMDEVL,XXXXX,XXXXX
001300  QGR07
001400  20031001,20031001,10
001500  FIN
001600  /*
001700  //
********  *************************** BOTTOM OF DATA ********************************
```

Remember to substitute the dataset names above with your site unique dataset names.

***Be sure to change the DCB statement to reflect the increase in the record   ***
***length of the FACS history file.   ***

7. JCL7
For FACS Monthly Submission

```
********   ***************************** TOP OF DATA ****************************************
000100  //FACQGR14   JOB (XXXXXXXXXXXX),AMS790,
000200  //                CLASS=D,MSGCLASS=A,
000300  //                NOTIFY=XXXXX
000400  //***************************************************************************************
000500  //*
000600  //STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
000700  //CMWKF01     DD DSN=MSIRM.AMS0DT.HIST507.FACS(0),DISP=SHR,
000800  //                DCB=(RECFM=FB,LRECL=1046,BLKSIZE=23012),
000900  //                UNIT=SYSDA
000905  //CMWKF02     DD DSN=MSIRM.AMS0DT.HIST507.FACS(+1),
000910  //                DISP=(NEW,CATLG,DELETE),
000915  //                UNIT=SYSDA,
000920  //                DCB=(RECFM=FB,LRECL=1046,BLKSIZE=23012)
000925  //CMWKF03     DD DSN=MSIRM.AMS0DT.FACS507.FACS(+1),
000930  //                DISP=(NEW,CATLG,DELETE),
000935  //                UNIT=SYSDA,
000940  //                DCB=(RECFM=FB,LRECL=1046,BLKSIZE=23012)
001000  //CMPRINT     DD SYSOUT=(A,P3103102)
001100  //CMSYNIN     DD *
001200  AMDEVL,XXXXX,XXXXX
001300  QGR14
001400  20031001,20031001,10
001500  FIN
001600  /*
001700  //
********   ***************************** BOTTOM OF DATA *************************************
```

Remember to substitute the dataset names above with your site unique dataset names.

***Be sure to change the DCB statement to reflect the increase in the record   ***
***length of the FACS history file and FACS transmission file.   ***